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Repeater Journal

8 STATE REPEATER INDEX INSIDE

The Official Voice of SERA, Inc.

Aug., Sept., Oct. 1999 3.00

Sharon Ward
One of SERA's Rare Treasures

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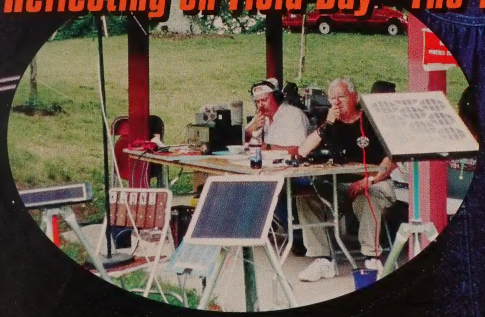
MS Vice-Director Joe Wood Passes Away

Reflecting on Field Day - The True Meaning



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Special! The Hamfest Survey - Results!

Getting Started - "A Squelch Tale (Tail)"

Remaining 1999 Hamfest Calendar

Updated 8-State Repeater Index

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TO ACCESS THE OFFICIAL SERA WEB SITE: www.sera.org

AUG., SEPT., OCT., 1999 - ISSUE 3

SERA Repeater Journal
The Official Voice of SERA, Inc.

By Far . . .The Most Recognized Regional Amateur Publication in the United States

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.
Exclusively for Southeastern Repeater owners and users.

Page 1 - Editorially Speaking . . !

Some Tidbits Here & There!

Well, we finished up the Hamfest Survey, and have it explained and printed in this issue. I won't go into it much, because it is pretty well explained beginning on Page 11. Give it a little look!

* * * * *

I join the other folks on the SERA Board, and the hams of Mississippi with the emptiness and sadness we feel after the death of our esteemed colleague Joe Wood, AJ0X. Joe like I was retired, and he was devoting much time to SERA. Steve, N5DWU the Director is looking for someone to take his place and help out. Anyone have big shoes?

* * * * *

I'm still running the hamfest circuit, but I have cut out quite a few more this year. It sure has been a lot of fun to be able to walk around, talk, eat and enjoy the shows for a change.

* * * * *

We have a pretty important meeting coming up, just about the time you read this. The executive committee and other key people in the organization will be looking into the feasibility of dividing up the jobs of membership, dataprocessing for repeaters and membership, mail handling, archiving, problem solving, and several other jobs. For the past 28 years, much of these duties were handled by one person. Later 2 additional people were added to help out. It still is much too much for even 3 people. The plan is to identify each required job function, set up a procedure and find someone able and capable of handling each job requirement efficiently and faithfully. This is part of the SERA 2000 project which was introduced to the Board a couple of years ago.

* * * * *

A reminder that clubs can make a "dollar bonus" by getting their club members to join SERA as Associate Members. Any clubs interested, contact me and I'll send full details.

* * * * *

The little girl standing with Sharon on our cover this issue is Bethany, the daughter of Sharon and David Ward (Our Archive and Computer Chairman). She was excited about having "mom" featured in a story, but she asked that I not include her. We had to do a bit of coaxing when the best picture we shot, had her included. She finally relented and gave us permission to run that one, but no further publicity she said.

* * * * *

Hamfest sponsors are urged to get us their confirmed 2000 hamfest dates. We plan to run the entire 2000 hamfest calendar in the November issue of the Journal. Deadline for inclusion is Oct. 20. We will have over 185 shows listed for the Southeast.

- Wayne, K4MOB, Editor

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You are cordially invited to contact any SERA person listed on this page and all the repeater coordinating persons listed on Page 1. Please keep in mind, they are volunteers. Allow ample time for action on your request. Also please be considerate in timing of calls during the evening hours.

SERA EMAIL ADDRESSES
You may email any SERA person simply by:
theircallsign@sera.org

SERA Repeater Journal
The Most Recognized Regional Amateur Magazine in the U.S.
The Official Voice of SERA, Inc.

Aug., Sep., Oct., 1999
Volume 28, No. 3
Organized in 1971
"Providing 28 Years" Of Continuous Service To Amateur Radio

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This Issue of the SERA Repeater Journal is Dedicated to our
Friend and Colleague - Joe Wood AJ0X 1929 - 1999

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Check out the Official SERA Web Site: www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, the first of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor whose address is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 2,170 repeaters available to over 93,439 Amateurs covering 329,000 square miles from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. SERA celebrates its 28th year of service in 1999 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first week of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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Sharon Ward - One of SERAs Valuable Assets!

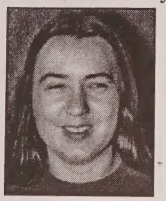
A Journal Special
COVER STORY

In the early years of CVRA, a lot of the various volunteer jobs done were kinda "all in the family." Husbands, wives, brothers sisters, cousins, uncles, aunts, and grandparents did the job together.

-by Wayne C. Williams, K4MOB
Repeater Journal Editor.

There are always unsung heros in any organization. Sometimes they get recognized, sometimes they don't.

The family of David and Sharon Ward are certainly ones who deserve a tremendous amount of credit over the years for helping get out the SERA Repeater Journal.



Sharon in the late '80s - always seen with a wide smile.

Perhaps the biggest unsung hero of SERA would be David's wife Sharon Ward, the subject of our special story.

Sharon is not a ham, but she is married to a ham, she has ham uncles, and other relatives who are hams. But the lack of a callsign hasn't stopped her from being a major player in the operation of CVRA and now SERA. She was never voted into an office, and has never been able to participate in any decision making, but she was always there to lend a hand, especially to David.

"On my honeymoon with David, we had to meet up with Lindsay Cleveland, W4IZI to pick up mailing labels for the November Journal mailing that weekend," Sharon laughed.

She said during one of her earliest trips to the mountains with another friend, they spent the afternoon watching David update 3x5 Membership cards. On another trip, they helped prepare CVRA dues notices for mailing.

In the '80s - where David went, Sharon went. She was busy putting new applications in the briefcase at the rear when photo was made. She and David and friend Thelma Fitzgerald of Richmond were busy manning the CVRA booth at the Shelby (NC) hamfest that year.

Recently Sharon took time to sit and discuss Journal things she has delivered with Wayne as she relaxes at the Repeater Journal computer desk. She always has time to talk if Wayne or Gerry are around, as she makes her rounds from Tobaccoville to Colfax to Greensboro then Thomasville and back home, about a 90 mile round trip. It has been a weekly ritual for quite a while.

"I attended my first hamfest in September of 1983. We stayed for the CVRA meeting, and Wayne announced to the Board and group attending that David and I would be married in October." "I remember we were treated to dinner," Sharon said.

In the mid and late '80s and early '90s it became a family affair each quarter, as David and Sharon carried cartons of Journals over to their grandmothers apartment, and the whole family worked to affix labels and get them in mailing bags. The move was made when David inherited the responsibility of mailing the Repeater Journal from his uncle, Larry and his wife Jane. With the changeover, Larry, and Jane switched characters and assisted us. Parents, sisters and other friends also assisted. Sometimes Grandmother fixed dinner for any that would come early.

Later on in the '90s we moved the labeling job of the Journal to the EMT building in Greensboro, and the Greensboro Amateur Society was doing the bulk of the mailing (labeling), with assistance from David and I.

I guess David got into CVRA real heavy in 1981, when he took the monumental task of data base operation from his friend Lindsay. Personal

Sharon was always a welcome sight when she drove into Wayne's driveway, with her little care package. She was always bringing something needed in the everyday production of the Repeater Journal, or data entry or some facet of SERA from David to Wayne.

(Continued on Page 8)

Falls Lake Amateur Radio Club Presents it's Eighth Annual

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Applicants must bring original and photocopy of present license, any certificates and picture I.D. to the examination session. Make Checks Payable to WCARS/VEC for $6.25.

AWARDS! AWARDS!

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IC-2100H ICOM 2m Mobile Transceivers given hourly
Drawings Saturday, Sep. 4th, and Sunday, Sep. 5th beginning at 0900 thru 1300.
We reserve the right to replace a listed prize with one of equal or higher value in the event of unavailability.

NO Member of the Shelby Amateur Radio Club or immediate Family is eligible to win any Awards.

Visit our web site at: www.shelby.net/n4fan

GENERAL HAMFEST INFORMATION CONTACT:

John Ledford, N4GOQ
3410 Oakcrest Drive
Shelby, NC 28150
Phone: (704) 482-4507
E-Mail: n4goq@shelby.net

or

Keith Queen, W4HKQ
935 Bethlehem Church Rd.
Grover, NC 28073
Phone: (704) 739-2961
E-Mail: hkq@shelby.net

DEALER CHAIRMAN

Barbara Elliott, N4MRZ
P.O. Box 191
Fallston, NC 28042
Phone: (704) 538-7919

VENDERS RQR. TENT

Bobby Fisher, AB4OE
P.O. Box 885
Grover, NC 28073
Phone: (864) 839-3912

GATES OPEN AT 0600 SATURDAY AND SUNDAY!
Bldg. Exhibits Open at 0800

The Shelby Hamfest

LOCATION - Cleveland Cty Fairgrounds on U.S. 74 Bus., at intersection of NC 180, 3-1/2 miles east of Shelby.

FACILITIES - Indoor buildings for new equipment dealers. Over 15 acreas for all types of tailgating. Lots of FREE parking outside grounds.

REGISTRATION - $5.00 for pre-registration and $6.00 at the gate. All tickets good for both days. children under 12 FREE. Pre-registration ticket requests received after August 27th will be held at the front gate.

OVER-NITE CAMPING - Facilities include over 40 sites with full hook-up, water, sewer and electricity. Sites available on a first-come basis and **none will be reserved under any circumstances.** Unlimited field space for self contained units. ✔ $15.00 per day for full hook-ups (lights, water, sewer) ✔ $5.00 per day for water and lights ✔ $5.00 per day for tents, etc.

ATTENTION MOTOR HOMES: If you must drive your motor home away from your campsite, please notify the camping committee chairman, **HAROLD PARKER, KC4MPF,** and receive your "Campsite Occupied" sign.

FLEA MARKET - The Shelby Amateur Radio club reserves the right to limit the amount of flea market space which cannot be reserved, and is on a first-come basis, and not transferable. (The Cleveland County Fair Association has paved more of the flea market area.)

CHARGES: $10.00 for each 10-feet of space. Gates open at 0600 Saturday and Sunday. **VENDORS** - Requiring tents, contact: **Bobby Fisher, AB4OE, P.O. Box 885, Grover, NC 28073, Phone: (864) 839-3912.**

ACTIVITIES - To be held **in Tent just below Fire Station.** Sunday School Sunday morning at 10:00 followed by Bingo for ladies.

SATURDAY FORUMS - Will all be held in the Fairgrounds Fire Station Meeting Room.
10:00 - ARRL Forum by John Kanode, N4MM, Roanoke Division Director
11:00 MARS forum by Bob Vardeman, W4VRI
13:00 SKYWARN by Greg F. Sellers, WB4HRR.
14:00 DX FORUM - To Be Announced.

SPECIAL SUNDAY FORUM - ***"FCC Enforcement"*** Forum, conducted by the FCCs Riley Holingsworth, K4ZDH
This special feature of this year's Shelby Hamfest will be held at 11:00 AM Sunday Morning at the Fire Station Meeting Room..

FREE PARKING - For Attendees - Across road from Fairgrounds Main Entrance on paved lighted lot.
HANDICAPPED & TAILGATERS use gate near intersection of Hwy. 74 Business and Hwy. 180

PLEASE NOTE - No X-rated Material to be displayed or sold. No Guns or any other type of weapons permitted at hamfest.
HAMFEST TALK-IN ON 146.28/88 - **HAMFEST INFO LINE** (Beginning Aug. 29) - Direct line at Hamfest Site: (704) 480-6928

Some of the motels in the area are listed below. They recommend that you call well in advance - reservations may be a problem.

SHELBY, NC MOTELS
Hampton Inn - 1-800-HAMPTON
Super 8 Motel - 1-800-800-8000
(Formerly Freedom Lodge)
Days Inn - 1-800-892-0418
Econo Lodge - (704) 482-3821
(Formerly Governor's Inn)

KINGS MOUNTAIN, NC (Exit 8 - I-85)
Comfort Inn - 1-800-221-2222
Ramada Inn - (704) 739-2544
GASTONIA, NC
Mid-town, Howard Johnson, Scottish Inn, Knights Inn, Econo Lodge, Hampton Inn, Innkeeper
LINCOLNTON, NC
Town & Country

GAFFNEY, SC
Days Inn, LaDel Motel, Comfort Inn, Holiday Inn Express.
FOREST CITY, NC
Gardo's Big Horn, Goodes, Henderson Inn.
HICKORY, NC
Howard Johnson, Holiday Inn, Mull's Ramada Inn.

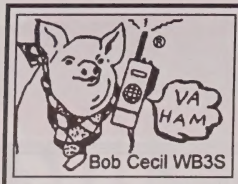
1999 SHELBY HAMFEST PRE-REGISTRATION FORM

RJ-8-99

I would like to Pre-Register for The 1999 SHELBY HAMFEST!
Enclosed is my check for: _____ Hamfest Tickets at $5.00 each. Total:_____
Children under 12 years-old FREE!
Mail Completed Pre-Registration form with your check. Include SASE for return of your tickets.
This is a gate admission ticket order only. There is a separate ticket for flea market space. It will be $10.00 for each 10 ft. of space.

Call_____Name_____
Address_____
City_____State_____Zip_____
Phone: [ ] _____

Mail Completed Pre-Registration form with your Check, Please include S.A.S.E. for Return of tickets
MAIL TO: SARC
P.O. BOX 2206
SHELBY, N.C. 28151-2206
Pre-Registration Tickets Will Already Be In The Barrel.
Note: No member of the Shelby Amateur Radio Club or immediate family is eligible to win any awards.



Authorized Dealer
ADI
PREMIER Communications

VHRS Stocks Both High-Power & Low-Power HT's

AT-201HP - 2-Meter HT, 5 Watts
PR-222HP - 222 MHz HT, 5 Watts
AT-400HP - 70-CM HT, 5 Watts
AT-600HP 2/70, 5 Watt Dual Band HT
NEW! Program The AT-600 From Your PC
New! - PR-52 6-Meter H/T 5-Watts
AR-146 - 2-Meter Mobile, 50 Watts
AR-446 - 70CM Mobile, 50 Watts
New! - 2M/70CM Dual-Band Mobile ★ *Coming Soon* ★

CALL FOR ADI CURRENT BONUS DEALS!

VHRS Stocks All of the ADI Accessories

Call For Your Price On ADI Radios

"New" Yaesu VX-1R
Widest Frequency Coverage HT

COVERS: AM-BC,FM-BC, AVIATION, VHF-HAM, UHF-HAM, VHF-TV SOUND, UHF-TV, ACT-1, ACT-2, and Much More!

ALINCO
Authorized Dealer

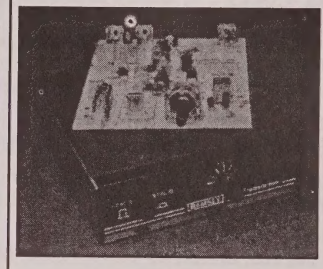
DR-S46 Family Radio Service HT
"No License Required! Buy 2 for Family Outings"
DJ-S11T, Pocket Size 2-Meter HT
DJ-280TH 222 MHz. HT, 4 Watts
DJ-C1T, Credit Card Size HT, 2-M
DJ-C4T, Credit Card 440 MHz HT
DJ-C5T, Credit Card 2/70 DB HT
DJ-190T - 2-M HT Large Display, No Pad, 2 Watts
DJ-191TH 2-Meter HT, 5 Watts
DJ-G5T(H) 2/70 Dual-Band HT, 5-W
DR-140T 2-Meter Mobile, 50 Watts
DR-150T 2-Meter Mobile, 50 Watts
DR-605T 2/70 Dual-Band Mobile, 50 W
DR-610T 2/70 Deluxe D.B. Mob. 50 W
DX-70TH HF Trans. + 6M, 100 Watts
DX-77T HF Trans. 160-10, 100 Watts
EDX-2 - Automatic Ext. Ant. Tuner, 160M ~ 10M
DM-340MVT - 13.8 VDC Variable P.S. @35 AICS

CALL FOR CURRENT ALINCO BONUS DEALS!

Call for Great Prices on Alinco Products!

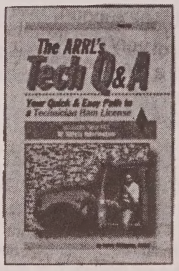
VA Ham Radio Supply

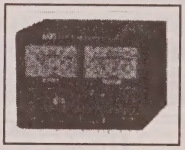
Stocks Over 1700 Different Line Items for the Ham Radio Operator. We stock many accessories which will make your Ham Shack a place of real comfort and pleasure in which to relax and operate. In addition to ADI and ALINCO, We stock ICOM, KENWOOD, and YAESU RADIOS, and ACCESSORIES. So, get out that "WISH LIST" (I have one, too) and order now!



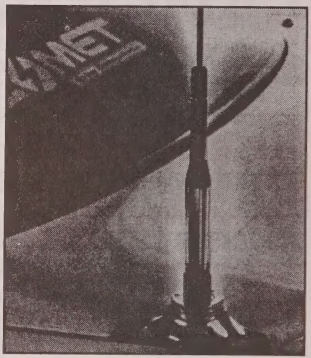
QRP Transmitters

Work the World on a Watt!!





MFJ-4225MV $149.95



COMET - Deluxe trunk mount "GR-5M" and "SB" style antenna. Stainless steel hardware, mounts with NO HOLES to drill. Easy to install and it looks great!

MONDAY - SATURDAY 9:00 A.M. TO 5:00 P.M. (Closed Sunday)

VHRS will be closed on Holidays and Hamfest Week-Ends. If you are driving a great distance, please call first. All warranties are with the manufacture, only. We do not sell on a trial basis. All sales are final. This is essential in order that all of our customers receive, new, unopened merchandise.

VHRS accepts: Cash, Personal Checks, Cashier's Checks, Money Orders, & COD. VHRS makes sales by: Direct Store - Sales/Hamfests, Telephone Orders, Mail Orders, and National/International Sales Via The Internet.

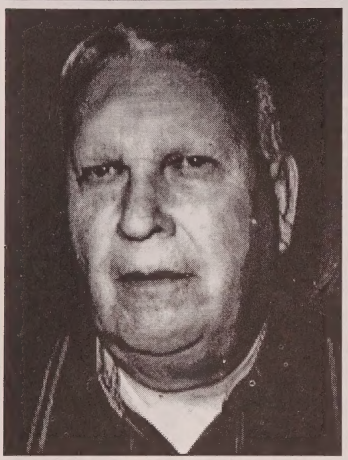
VA Ham Radio Supply, Inc.
2208 CHILDRESS ROAD
CHRISTIANSBURG, VA 24073

TECHNICAL: (540) 382-3690
ORDERS ONLY: (800) 298-6153
FAX: (540) 382-9049

E-MAIL: Virginia.Ham.Radio.Supply.WB3S@worldnet.att.net

SERA Coordinator, Joe Wood, AJ0X Passes Away

Ever so often, an organization is fortunate enough to get someone who is an outstanding motivator, and is a totally dedicated individual. Joe Wood was one.



JOSEPH T. WOOD, SR, AJ0X
1929 - 1999

-by Wayne C. Williams, Editor

The SERA Board and "family" were shocked and saddened to hear of the death of one of its own in July.

Joe Wood, AJ0X the SERA Mississippi Vice-Director died from an apparent heart attack. Funeral services were held in Laurel, MS.

Joseph T. Wood, Sr., had just returned from the barber shop with his 11-year-old grandson, and had done a little yard work. He became ill, and his wife Ann called 911. He was being rushed to the hospital, when he died enroute.

Joe is survived by his wife Ann, son Terrell, N5HVC and three grandchildren, Tiffany, Mason and Jennifer.

He had been appointed by Mississippi Director Steve Grantham in 1999 to begin a campaign of renewed effort in coordination, communications and information to Mississippi repeater owners. He had performed outstandingly and had gone far in getting his goal achieved in just 6 months.

SERA President Don Williams, W4VT said, "Joe has done much toward assisting with getting Mississippi coordination fine-tuned in recent months." "We all enjoyed working with Joe, and Ann who have been a welcome addition to the SERA family.

Don said he hoped Steve will be able to find someone half as dedicated as this wonderful person (Joe) was.

Director Steve Grantham, N5DWU said he sincerely appreciated the efforts of Joe, who was a long-time close friend of his. Steve also said he appreciated the efforts of the SERA Leadership and Staff, all who made an effort to make Joe feel a welcome participant in SERA matters.

Joe Wood, was an Extra Class, licensed in 1946. He was in the military over 7 years, and graduated from Mississippi State University. His career included Medical Electrician and Biomedical Engineer from 1957 to 1978. He was retired Vice-President of Research and Development & manufacturing.

When he moved back to Laurel, he was Chief Engineer of WHLT-TV from 1989 to 1998. He was also consultant to The Headrick Companies, designing and prototyping equipment for electronic billboards and signs. He also operated his own personal business, manufacturing and selling custom home and business computers.

Joe also invented, and held patents on, certain types of IV drip bags that are commonly used in hospitals today.

He not only had great technical and people skills, he was an inventor and an entrepreneur.

In 1998 he retired full time.

Wood was appointed to fill a vacancy as Vice-Director of Mississippi for SERA in 1998. He had been re-elected to that post for an additional 2-year term in 1999. He was owner and trustee of a 70cm repeater in the Laurel area.

SERA Assistant Mississippi Director Mark Simmons, KD5EDV wrote in a message to many friends and people in Mississippi, "For those who may not of met Joe, he was truly a delightful person to work with and was a great asset to Hams everywhere, but especially here in Mississippi. He was the embodiment of what being an Ham is to me. He was soft spoken and respectful of other amateurs ideas and aspirations, even if they had very limited understanding of operating practices or theory. He always seemed to find a way to somehow encourage you and to make you feel needed, instead of just telling you, what you were doing was wrong or unimportant. He had great patience and wisdom."

"I will miss my friend Joe," Mark concluded, "He was a great teacher, who taught us by example."

Joe Wood was an asset to the many folks in Mississippi who knew him. He was an asset to his family, his job, his hobby, and most especially to the SERA organization and its people.

He shall be missed!

-the editor

SERA Repeater Journal Advertising Rate Card

NO. 28 - Effective 1 January 1999

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11"	$425.00
Full-Page 7-1/4x10"	$160.00
Full-Page Bleed 8-1/2x11" (+1/8 bleed)	$185.00
2/3-Page (V) 4-3/4x10"	$120.00
1/2-Page (H) 7-1/4x4-7/8"	$88.00
1/2-Page (V) 4-3/4x7-1/2"	$88.00
1/2-Page (V) 3-1/2x10"	$88.00
1/3-Page (V) 2-1/4x10"	$65.00
1/3-Page (H) 4-3/4x5"	$65.00
1/4-Page (V) 3-1/2x4-7/8"	$52.00
1/4-Page (H) 4-3/4x3-3/4"	$52.00
1/4-Page (H) 7-1/4x2-1/2"	$52.00
1/6-Page (V) 2-1/4x4-7/8"	$36.00
1/6-Page (H) 4-3/4x2-1/2"	$36.00
1/6-Page (H) 3-1/2x3"	$36.00
1/12-Page (V) 2-1/4x2-1/2"	$20.00
Reptr. Page Panel 1x10" (4 Issue Contr)	$50.00
Club/Repr Cards (4 Issue Contr)	$30.00
Classified (30 Words Max.)	$5.00
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

INVOICING AD INSERTION ORDERS

DEALERS: With a volunteer staff we do not send out and receive advertising contracts and notices. Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the paid returned invoice copy are received, the ad will be repeated and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. All first-time advertisers, Hamfest advertising and Business Card Advertising is to be paid in advance - check with order.

SPECIFICATIONS & GENERAL

Advertising sizes listed above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 bleed. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Design, typesetting, layout or pasteup is available at no charge for advertising to be run in the Repeater Journal. When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone or email corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

REPEATER JOURNAL ADVERTISING
600 LAKEDALE ROAD
COLFAX, NC 27235
Phone or Fax (336) 993-5527 (10-10 M-F)
email: k4mob@sera.org

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Journal Advertising Department.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 4,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

Sharon Ward - One of SERAs Valuable Assets
~ Continues ~

Computers were coming along, and David had the challenge of taking a Unix based program running on a Main Frame at Wake Forest University, and re-writing it to work on a PC. Along with database operation, also came the chore of membership and distributing the Repeater Journal.

Our friends used to admire David and I with comments like "How Romantic" for taking 2 to 4 days each November at my parent's River House. They kept Bethany, our daughter.

Little did they know that David and I set up twin computers back-to-back and caught up on the tremendous task of entering information gleaned from almost 2,000 repeater datasheets which were returned. (Back in the early '90s, data information for individual repeaters was kinda scarce, so the datasheets provided lots of keyboarding.) Closing the door and doing the keyboarding, stopping only to eat and sleep was the only way we could get it all done before the deadline for the February Journal which was January 1.

Sharon even handling Advertising for the Repeater Journal for several years. Even when she was ready to turn the job over to someone else, she, like David didn't want Wayne to take it over, even though he wanted it. We both wanted to be sure that no one could ever accuse Wayne or anyone else of "conflict of interest" . . . because at the time, Wayne was in the Amateur business and was a Journal advertiser himself. When he sold his business, we let him take over the Advertising aspect of the Repeater Journal..

"Things are different today," Sharon said as she smiled, "We have two people who enter over 95% of the data into the (now) SERA computer database, and the Journal labeling and mailing is done by a professional service."

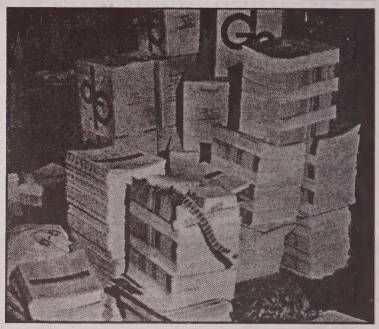
"My job now is acting as a courier between Wayne in Colfax, Shari in Thomasville and my David in Tobaccoville," she said. "Data that comes in, mail, etc. is delivered to each who is responsible to handle their part."

She also does bank deposits, mailings. A tremendous amount of passing information is done via internet, but the hard copy paper trail must be delivered in person. That is my job.

What does the future hold for Sharon? More of the same she said. As long as David is involved in SERA, she would be the courier from their house to the people in near by cities. It helps to get out and help other people she said.

Some of Sharon's Participation in the mid-80s

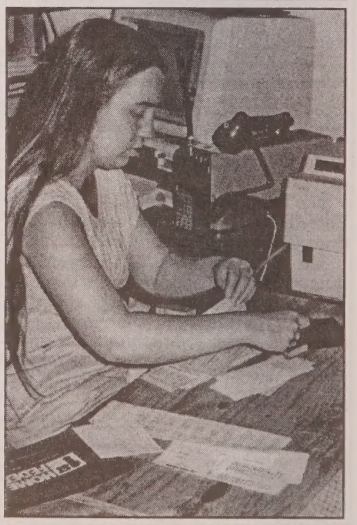
"Uncle Larry" headed distribution of the Repeater Journal for a few years. David and Sharon were always on hand to help.



Some 50 cartons of Repeater Journals are piled in the living room, as the "family" team gets ready to affix thousands of labels for mailing.

Sharon shares a light moment with Wayne, the RJ editor as she turns in advertising for an upcoming Repeater Journal. She held the Advertising Manager post for several years.

Finally, bags stuff with thousands of Repeater Journals are piled high in the living room, waiting to be loaded onto the truck to be delivered to the Post Office for Bulk mailing.

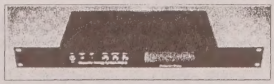


Married to David just a few months, Sharon already knew much of the paperwork, and mail opening chores required for CVRA. Here a very "young bride" registers membership checks for a bank deposit.

RVS-8 Repeater Voting System

$319 Assembled and tested

Plus $12 shipping. MD add 5% Tax



Featured in April 96 QST!

* 8 Channels, True Signal-to-Noise Voting
* Microprocessor Controlled
* Menu Driven, 10 Menus
* Progammable COR and Disable Inputs
* Programmable Hysterisis
* Digital S/N Meter
* 12 Volt Operation @ 500 mA

Kit Only $179 Kit with Enclosure $245

LDG ELECTRONICS

LDG Electronics
1445 Parran Road
St. Leonard MD 20685

Phone: 410-586-2177
Fax: 410-586-8475
ldg@radix.net
www.radix.net/~ldg

MasterCard VISA

Computer Automation Technology Inc.
WX-1000 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group.

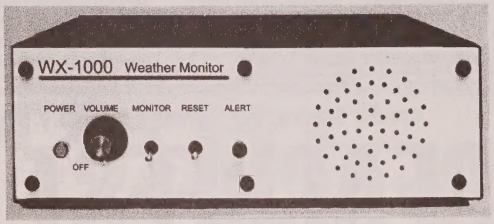
Specific Area Message Decoder
A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.

Alert Message Transmit Timing
At the conclusion of an alert, a termination packet turns the transmitter off.

Voice Synthesizer Alert Message
Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Start Logic Output
This output provides a TTL logic high when a weather alert is received. It can be used to trigger an external alarm, execute a macro or load a severe weather memory save.

Repeater Interface
The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.



Weather Alert Log
The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Stop Logic Output
Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input
Ground this input to prevent future alerts once a sky warn net is activated.

Weather Enable Input
Ground this input to provide weather reports on demand.

WX-1000 Enclosure
The WX-1000 is installed in a 19 inch rack mount enclosure,3.5 inches high and 8 inches deep.

Ordering Information

WX-1000 *Digital Weather Receiver, With Windows Configuration Program:* ***$399.00.***

Computer Automation Technology Inc.
4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894
Internet: http://www.catauto.com

FCC Says ULS Telephone Numbers Are Optional

-From ARRL Bulletins #42 & #46

The FCC has clarified that Amateur Radio applicants using the Universal Licensing System don't have to provide a telephone number or e-mail address as long as they provide a valid US mailing address. But the Commission has yet to provide a convenient way for ULS electronic filers to get around having to supply a telephone number. The clarification was contained in a recent FCC order that addresses various issues for reconsideration in its ULS proceeding.

The FCC says it considers it "reasonable" to request telephone numbers and e-mail addresses but that the data will be optional for hams.

As currently configured, the ULS still requires applicants to provide a telephone number in order to register, but not an e-mail address. An FCC spokesman told the ARRL recently that applicants lacking a telephone number could use a business telephone, the telephone number of a close friend or relative, or just fill in the field on the electronic form with zeros.

When the FCC implements the Universal Licensing System for the Amateur Service August 16, registrants will be required to supply a Taxpayer Identification Number (TIN—typically your Social Security Number) in order to register and be asked to supply a telephone number. The paper FCC Form 610—being phased out in favor of the new Form 605—already requests a daytime telephone number. Applicants without Internet access can register on the ULS using a paper Form 605, available from the FCC.

The question of whether or not telephone numbers that have been provided to the ULS will be made part of the public licensee database is "still being reviewed," an FCC spokesperson said. Current information on the FCC Web site suggests that telephone numbers provided to the ULS will be available in the public ULS records.

ULS registration is required in order to receive FCC services in the future.

To register, visit http://www.fcc.gov/wtb/uls/ and click on "TIN/Call Sign Registration."

Grand Strand ARC - W4GS Proudly Presents

BEACHFEST '99

BACK TO BASICS

NOVEMBER 6. 1999

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Cooked on our Outside Grill: Breakfast Sausage Biscuits Plus Hot Dogs, Hamburgers, Cheeseburgers Chips, Soft Drinks and Coffee

Easy Directions to get to Hamfest Site:

US 501 to 17 By-Pass, go South on By-pass to the Second Traffic Light (about 3 miles). Turn Left at Light and Follow the Signs.

Talk-in: 147.120 (+ 600)

For Reservations or Information, Contact:

Jim Wood, KF4CJE (843) 238-0800 or KF4CJE@w4gs.org

Visit our Home Page: www.w4gs.org

Participating in SunRayce '99

-by W. R. (Bill) Ronay, KM4LS

I recently had the unexpected privelege to help with communications on the Sunrayce 99 as it cut across the Georgia countryside last June. I had no idea it was coming so close to my home in Buckhead, Morgan County, Georgia.

Twenty-two experimental electric vehicles travelling from coast-to-coast proving the feasibility of using this alternative method of travel were participating in the Sunrayce '99.

Saturday mornings are usually filled with activity around here. This morning was different. With the 2 meter radio on and working a little pre-Field Day DX, I heard a Net Control calling for race numbers.

The 146.700 is usually not that easy to reach from this location but today was an exception, probably good band conditions. I asked if the race of would come close to my home. After the answer "yes" I was on my way.

I met Jeff Pahl, KF4JVD, at the Madison "halfway point" and watched as the nearly two dozen vehicles whirred and purred on to the night's resting stop in Macon, another eighty miles to the south. Jeff would be accompanying Sunrayce 99 all the way to the finish.

Eileen J. Mathe, WB4UNV, did an excellent job as NCS. Among the many amateur radio communicators was James Stephens, KE4UWJ and Tony Cooper, KF4AOP. Other callsigns heard were AE4HS, KD4AOV, KD4AOZ, KD4MSR, KF4WYQ, WB4BDP, WB4GOJ and several others.

All this was in the Morgan, Putnam, Baldwin and Bibb area. Much had happened and a bunch more is expected with the caravan of solar-powered cars and their escorts reached Disneyworld in a few days.

Hamfest Sponsors

Be sure to send your confirmed year 2000 hamfest dates to the Journal editor before Oct. 1, to be included in our complete 2000 Hamfest Calendar in the November issue. It's listed Free!!

The Results of Our Survey Are In!

-by Wayne C. Williams, K4MOB, Editor

It was an interesting two months, as our email service kept busy, and we also received quite a few responses in the U.S. Mail. It was the 1999 SERA Repeater Journal Hamfest Survey.

We burned a little midnight oil compiling all the answers to the 21 questions, with numerous sub-questions, but we think we have come up with a workable sampling of just what the overall amateur population in the SouthEast apparently wants and expects in a hamfest that they attend.

Yes, there were some surprises for even me - even though I have been attending an average of over 25 shows a year for the past 24 years.

We have published the Survey on a single page following this page, so clubs or individuals can cut it out, or copy it for later use or reference.

Briefly some of the things we saw in the survey:

■ Over 74% of the sampling prefer 1-day hamfests, and Saturday is preferred.

■ Surprising was the admission expectations the sampling respondents sent in - See question 4 on next page.

■ Favorites or preferences seemed to lean toward the little fleamarket show as #1, followed by the small hamfest with fleamarket, then the Convention type, and lastly, the medium sized show inside and out.

■ A large majority wanted hamfests to begin at 8:00 am, and 64% said they left and went home by or before 2:00 PM.

■ As we guessed, a huge majority said hamfest prizes or their value had no influence as to whether they attended or not, however almost half liked having pre-registration drawings and a great majority liked small hourly prizes. Only 21% said they hung around for the final main drawings.

■ VE exams are important respondents said in a majority, and most felt they should be given in the morning.

■ 85% said they were satisfied at what their favorite hamfest offered.

■ As far as eating, over half eat before coming to the hamfest, and only about 1/3 eat lunch, with almost half eating some snack during the show.

■ Two thirds said it is important for computer dealer representation at hamfests - some warned not too many though. Surprising to me, 87% said mix the computer dealers and Amateur dealers up in the booth areas, don't separate them.

Looking over other responses to questions - It was also interesting how many shows the respondents said they attended a year. Over 49% go to 3-5 shows and another 36% attend 6-10 shows. The biggest majority will travel up to about 150 miles to a show.

As far as promotion goes, 95% of the respondents said they check hamfest advertising and over half wished sponsors would publish the list of vendors who will be attending - yet in another question as to what makes them attend a new show - vendors drew only 3% reason. Over half also wanted to see maps or directions in ads and/or flyers for a show's location.

Perhaps the most negative statement more respondents answered any question was the attitude of many clubs and hamfest sponsors - these groups really took some bad hits from respondents - with words like "cold", "nasty", "untrained" "impolite" and others. Keep in mind, these were people describing why they would never go back to a particular hamfest, which of course they didn't mention. It does indicate that a lot of people have been upset one way or another by a large number of hamfest sponsors. (see more description on next page under question 21(b).

We do appreciate the number of you who participated in our first endeavor. We promise to try another survey later, with the hope that they may help someone somewhere in some fashion.

Hopefully, some information from our survey might help a club, an individual, or a dealer improve things for them in the near future.

SURVEY NEXT PAGE

NHRC

REPEATER CONTROLLERS

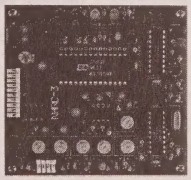
NHRC-3/M2 Repeater Controller

An Integrated Repeater Controller for GE MASTR II Mobile Radios with Real Stored Speech

(actual size 1 5/8" x 8")

NHRC-3 Repeater Controller

Repeater Controller with Real Stored Speech



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NHRC-3 Assembled and Tested
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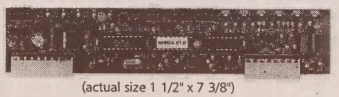
NHRC-4/M2 Repeater Controller

An Integrated Repeater Controller for GE MASTR II Mobile/Base Radios with Secondary Linking Port



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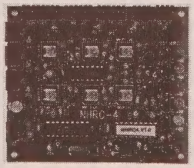
NHRC-4 Repeater Controller

Duplex Controller with Secondary Linking Port



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email: info@nhrc.net • phone: 603-485-2248

visit our web site at http://www.nhrc.net

The 1999 SERA Repeater Journal Hamfest Survey

Survey Notes of Interest

This survey was originally printed in the May issue of the SERA Repeater Journal. Readers were invited to answer the questions either by internet or U.S. Mail. A select few survey forms were passed out at some hamfests. The Survey period was from May thru June.

We received approximately 2% of the SERA current membership in survey responses, which we felt was enough to get a sampling of just what might be the thoughts of hams in the southeast as far as hamfests were concerned.

Response percentages were calculated by dividing the number of individual answers by the total number of survey responses. Please note: some questions total answer response may not add up to 100% or some may exceed 100%. This is due to some questions or portions not being answered by respondents, and on occasion, two answers were given to a single question, to more correctly respond to the question.

SERA and The Repeater Journal does not endorse this survey to be a "fix all" for any problems certain hamfests may be having. We certainly cannot be held responsible for any negative conclusions anyone may form by reading this survey. It is intended only as a impartial guide, if desired, to be used as such. Each club, dealer and individual reading the survey results should take it as a mere suggestion as to what might be desirable to make improvements.

-The editor

The Actual Survey Results

1. (a) Do you prefer 1 or 2 day hamfests?

one - 74% two - 8% No Pref - 15%

(b) If 2, will you attend BOTH days?

yes - 17% no - 39%

2. For one day hamfests, does it matter if it's Saturday or Sunday?

Sat - 57% Sun - 5% either - 36%

3. If you prefer Saturday and the show is Sunday, (or vice versa), will you go anyway?

yes - 67% no - 20% poss - 8%

4. What do you think is a 'reasonable' admission price for:

(a) small swapfest,

Free - 5%
$2.00 - $3.00 - 49%
$4.00 - $5.00 - 38%

(b) small hamfest inside and out,

Free - 5%
$3.00 - $4.00 - 43%
$5.00 - $6.00 - 49%

(c) medium sized hamfest

$3.00 - $5.00 - 66%
$6.00 - $8.00 - 41%
$10.00 or more - 2%

(d) conv.-type with manufacturers.

$3.00 - $6.00 - 34%
$7.00 - $10.00 - 59%
$11.00 or more - 3%

5. From the A - D type shows above, which type do you like most to the least. (rate them a-d)

A-56% B-46% D-41% C-39%

6. What prompts you to attend a HF?

(a) mainly buy something -66%
(b) or just for fellowship. -48%

7. (a) What's a good time to open a hamfest (i.e. 8 am, 9 am, etc)?

Before 8:00 am - 5%
8:00 am - 72%
9:00 am - 20%

(b) What time do you usually leave the hamfest and go home?

11:00 am - noon - 26%
1:00 pm - 2:00 pm - 64%
3:00 pm - 4:00 pm -25%

(c) Do you carpool or go alone?

carpool-39% alone-30% both-33%

8. (a) Are forums, clinics, exhibits, contests and other activities important to you at a hamfest?

no - 54% yes - 44%

(b) Do you attend these activities?

no - 31% yes - 33%
rarely orsometimes - 36%

(c) what type do you like?

Exhibits - 33% forums - 43%
clinics - 25% none - 15%

(d) How long should activity last?

Under 30 mins - 30%
30-60 min - 48%
Over 60 Mins - 20%

9. **(a) Do prizes or their value, influence you as to whether to go to a hamfest or not?**

no - 82% yes - 16%

(b) Do you like hourly prizes?

no - 16% yes - 77% no opinion - 3%

(c) Should the grand prize winners be present to win?

no - 82% yes - 15%

(d) Do you like pre-registration prize drawings?

no - 28% yes - 49% no pref - 25%

10. (a) Do you hang around for the main prize drawing?

no - 39% yes - 21% sometimes - 33%

(b) Is 3:00 PM too late to draw?

no - 48% yes - 54%

(c) Do you like prizes that are equipment or cash?

equip - 62% cash - 8% No Pref - 28%

11. (a) Are VE exams at a hamfest desirable and important?

no - 18% yes - 79%

(b) Would it be better to have VE testing in the morning or afternoon.

morning - 62% afternoon - 28%

12. (a) Are you overall satisfied at what your favorite hamfest offers?

no - 11% yes - 85%

(b) if not please explain what you want?

Sunday shows interfere with church
Not enough venders and flea mkt people
More forums needed
Too many forums
Forums Ran too long
Only want ham related items
Better hamfest locations

13. (a) Do you eat breakfast at a hamfest when they have biscuits and other breakfast items

no - 51% yes - 23% occas - 25%

(b) what about lunch?

no - 21% yes - 33% occas - 43%

(c) food, snacks or beverages between meals?

no - 25% yes - 43% occas - 31%

14. (a) Is it important to have a significant number of computer and software dealers at a hamfest, or should ham radio be the main focus with few if any computer related dealers.

no - 34% yes - 64%

(b) should they be mixed together in the sales area, or separated.

separated - 8% mixed - 87%

15. (a) Do you feel you are being treated fairly by most venders?

no - 8% yes - 87%

(b) Do you prefer to buy from a hamfest vender or from a catalog house out of state.

Hamfest Vendor - 48%
Catalog House - 11%
Both Vendor & Catalog - 36%

(c) why?

Vendor or Both Responses -

Can talk to vendor at HF, see what am buying
Talk about warranties, how to get a piece of equipment fixed if it breaks.
Eye-to-eye discussion with dealer-get advice
Instant gratification and convenience.
Like to support local, even if price might be higher
Like local, but sales tax can be a killer
If dealer can face you in person - will probably stand behind the product.
Same or lower price - immed product in hand

Catalog House Only Responses -

Catalog dealers are trustworthy
Hamfest dealers don't always have what I'm looking for
Most of time, I need stuff when there isn't hamfest around
Warranty, cheaper, no taxes

16. **(a) Should non-ham radio and electronic dealers such as hobbists, crafts, etc. be participating in the hamfest.**

no - 31% yes - 44% No pref - 21%

(b) if Yes, does family enjoy them

no - 30% yes - 39%

(c) does this encourage family members to come with you?

no - 43% yes - 23% occas - 15%

17. A little personal information about you and your hamfest habits:

(a) Your age?

21-30 - 5% 31-40 - 13%
41-50 - 33% 51-60 - 31%
61-70 - 11% Over 70 - 5%

(b) How many hamfests do you attend a year?

1-2 - 8% 3-5 - 49%
6-10 - 36% 11+ - 20%

(c) How far will you go?

75-100 miles - 39%
125-150 miles - 33%
175-200 miles - 7%
225-250 miles - 7%
More than 250 miles - 13%

(d) do you go early - stay overnite?

no - 44% yes - 8% occas - 39%

(e) Do you try to support the local or area hamfest?

no - 3% yes - 90%

(f) Do you try to support the dealers who attend your "home" hamfest.

no - 2% yes - 92%

(g) What prompts you to try a "new" hamfest you've never attended before?

Locality - 15%
Curiosity 25%
Vendor List - 3%
New Stuff - 10%
Size & Activities - 5%
Word of Mouth - 11%

18. (a) Do you check hamfest ads in the Repeater Journal?

no - 5% yes - 95%

(b) Is the Repeater Journal hamfest calendar of any value to you?

no - 2% yes - 98%

19. (a) Should the individual hamfest sponsors in their paid advertising, list names of dealers who will be attending their show?

no - 28% yes - 54% no pref: - 11%

(b) should the ads have maps to assist you in finding the location?

no - 13% yes - 59%
when poss - 26%

20. Now your personal opinion!

(a) Are there too many hamfests - too few hamfests.

Too many - 30% Too few - 13%
no opinion -13% just enough - 38%

(b) too many dealers-too few dealers.

too many - 5% too few - 51%
no opinion - 13% Enough - 39%

21. And one final question.

(a) Have you attended a hamfest in the past, that you will not return.

no - 41% yes - 48%

(b) If Yes - Would you care to explain briefly why not?

Too small - no dealers - treated coldly
Poorly run show
Too much computer gear
Bad Parking
VE Exams suspect
Didn't open doors on time as advertised
Too far away - too small
Too large, not appealing, too commercial, food too expensive
Overall show too expensive.

And by far the largest complaint in our survey: -Sponsoring club's bad attitude

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ALINCO DUAL BAND MOBILES

Full Featured Dual Band Xcvr

DR-610TQ 144/430 MHz

For those who "Want it All" in a VHF/UHF radio. Has detachable face, Channel Scope, Direct freq. entry from mike, Up to 240 mem. channels with EJ-23U, or 120 standard. Two VFO's per band. 50/35 Watts with H/M/L power settings for each band. Cross band repeat capability, and capacity to operate full duplex.

"TQ" MODEL **$457.95**

The DR-605 - inexpensive, yet, fully packed with the features most Amateurs look for. Comes with 9600 bpx Packet port, easy to program, with 50 memories plus a call channel. CTCSS encode standard. Optional EJ-24U adds CTCSS decode and tone search features. Cross Band repeat mode.

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DR-605TQ 144/430 MHz

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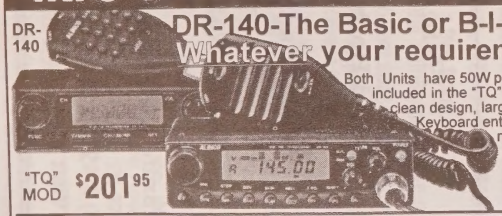
DX-77 HF transceiver, with 150 KHz to 30 MHz. GC rcvr., xmits 100W on HF 10 thru 160M and 6M.. 100 memory channels. 9.67(w)x3.7(h)x 8.98(d) and weighs slightly over 8-lbs. All mode, noise blanker, all mode squelch, quick offset, RIT, Hi/Lo power controls. There are two VFOs-more!

DX-77T PRICE - **$752.95**

DX-70TH HF XCVR SPECIAL! $786.95

IRI's TWO METER TRANSCEIVERS

DR-140



DR-140-The Basic or B-I-G DR-150 Loaded! Whatever your requirements! We have it!

Both Units have 50W power and CTCSS Encode and Decode included in the "TQ" Models. DR-140 has 50 memories, clean design, large buttons. The DR-150, is loaded! TT Keyboard entry of frequencies from mike, has Channel Scope, 440 MHz. Receive, Has 100 memories and 3 scan modes!

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NEW!

A new Star performer in the Alinco Family. Has 200 memories, CTCSS enc/dec, accepts up to 13.8VDC, 4 scan modes. RX 76 to 999.995* MHz., DSQ, and alpha-numeric readout. Only 2.28x3.81x 3.58-in at 11 oz. 3 pwr. settings to 5W.

5-WATTS IRI PRICED **$237.95**

*Cellular Blocked

DJ-G5TH 5W 2/70 H/T

The DJ-G5 5W H/T, is fully loaded with Channel Scope, 80 memories for each band. 3 Scan ranges, large illuminated display and keypad programmable. Includes CTCSS encode/decode, 2nd PTT for Lo power, has dual VFOs each band.

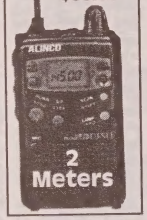
5-WATTS IRI PRICED **$292.95**

2M+220+440 H/T

70 cm DJ-S41T $83.00

440 MHz

2-Meters DJ-S11T $83.00



2 Meters

2-Meters DJ-191TH $142.95

CLOSEOUT

5W

2 Meters

Large Display 40 Memories Freq. entry from lighted keypad.

Other Value-Priced Alincos

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Wow! Credit Card Sized Dual 2/70 H/T - DJ-C5T

The fabulous DJ-C5 has 50 memories, 300 mw output, incl. CTCSS enc/dec. Has long lasting Lithium-ion battery, and detachable flex antenna. Snap-in charger, recharges in 2 hours.

SEE IT AT IRI!

$163.95

DJ-195T 5W 2M $177.95

NEW!

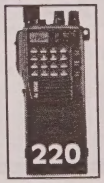
2M

5W - 2M H/T has 40 mem., direct DC input, S-meter, autodialer, theft alarm, CTCSS enc/dec - user friendly and ergonomic styling

2-Meters DJ-180TH $138.95

2M

220 MHz DJ-280TH $184.95



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HAMFEST CHATTANOOGA

October 23, 1999

8:00 AM to 4:00 PM

Camp Jordan Arena

At East Ridge

1 Block east of Exit 1 off I-75

ARRL Sponsored

- Hourly Door Prizes
- Major Prizes
- Dealers & Indoor Flea Market
- Outside Tailgating
- Free Parking
- Concessions
- On-Site & Near-by Camping

Hamfest Contact Information:

General Info:
David Hoffman - KE4FGW - ke4fgw@vol.com

Dealers:
Shelia Cannon - KE4GXN - ke4gxn@aol.com

Flea Market & Tailgating:
Randy Walker - KE4AQH - ke4aqh@aol.com

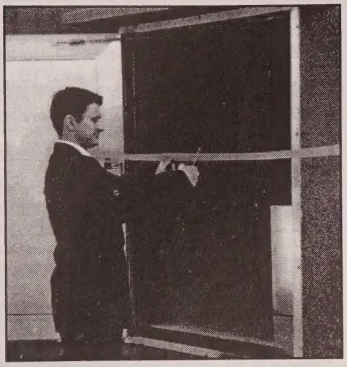
General Address:
Hamfest Chattanooga, P.O. Box 772, Hixson, TN 37343

Talk-In Frequencies: 146.79 - and 444.10 +

Visit us on the web at http:/www.qsl.net/w4am/carc_index.html

N. Kentucky ARC Dedicates New Donated Repeater Site

Special to the Repeater Journal
-by John Meyers, N4GNL

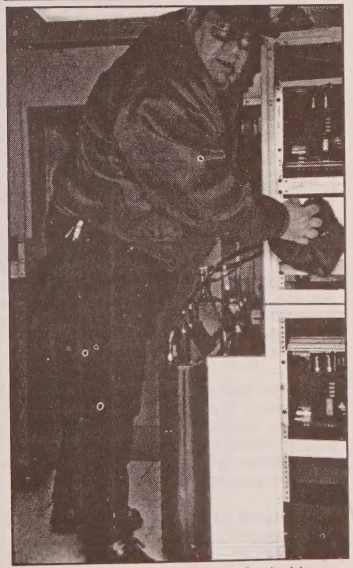


Trevor Fugazzi from Cincinatti Bell Telephone cuts the ribbon to the new William Davies Amateur repeater site on Dudley Pike owned by the Northern KY ARC.

It was 2 years in the making. A grant from AT&T and much planning and construction, but on April 20 at 9:00 AM the William Davies repeater site on Dudley Pike was officially turned on.

Among those dignataries attending were Trevor Fugazzi from Cincinnati Bell, Dave Steinwert from Motorola plus numerous club members. Trevor Fugazzi cut the ribbon on the door to the new repeater complex, and Gary Johnston, KI4LA threw the switch.

The Davies repeater site houses the 147.255 and 444.350 machines along with storage for the back up 147.255 and 147.375 repeaters. It is expected this site will afford the Northern Kentucky Amateur Radio Club,, and the 7th District RACES/ARES group affluent repeater coverage in Boone, Kenton and Campbell Counties.



Gary Johnson, KI4LA puts a final shine on the repeater cabinet after throwing the power switch to the new dedicated repeater site.

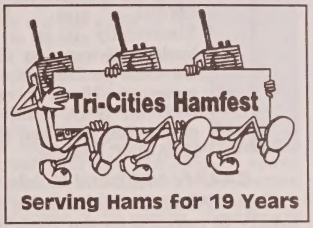
The partnership between AT&T and NKARC to date has afforded this club approximately $100,000.00. This includes the: repeaters, hut, electric wiring, electric hookup, heating and air conditioning, antenna's, coax, phone line and the $5,000.00 in cash for portable and mobile rigs.

Although this site will not cover all of Pendleton and Grant Counties we have the 147.375 machine in Walton to do that work. This machine has been completely gone over by RadioLand Inc. in Louisville and now is in tip top shape. They also went over the old 147.255 machine and and have made it into a 2 frequency switchable machine which is now capable of operating 147.225 or 147.375. This gives us a valuable addition for use at either site as a backup machine.

We are extremely proud and wish to thank all those that have helped sponsor this 2 year endeavor. Our Corperate Partners: AT&T, Boone County, Cincinnati Bell, Kenton County, MobileComm, Motorola Radio and RadioLand Inc.

Our Kentucky ARC wishes to thank

(Continued on Page 16)



TRI-CITIES
HAMFEST & COMPUTER FAIR

Saturday, October 16, 1999

GRAY TENNESSEE FAIRGROUNDS

Sponsored by Kingsport, Bristol, & Johnson City Radio Clubs

"The Fastest Growing Hamfest In The Southeast"

1. ICOM IC-706
2. Cushcraft R7000 **3. ULTIMETER II Weather Station**
4. Alinco DJ-G5TH **4. MFJ SWR Analyzer**
CW CONTEST PRIZE $100.00

- General Admission - $5.00 (Children 12 & Under Free)
- Additional Prize Tickets $1.00 each, 6/$5.00 or 15/$10.00
- May be purchased in addition to a free ticket.
- Inside Flea Market $7.00 + General Admission + $10.00 per Table Space
- Outside Flea Market $5.00 per 16-feet space Plus General Admission
- Commercial Dealer Tickets @ $20.00 plus $10.00 per table space.
  (All inside exhibit hall - Drive-in Loading and Unloading)
- Talk-in: 146.37/97 - Kingsport Alternate: 146.19/79 - Johnson City
- FCC Exams - Walk-ins ok. 1:30 PM Regis. - 2:00 tests at Gray School
- ARRL Sanctioned Hamfest

General Information Contact:
Wendell Messimer, K4ZHK
175 East Highland Road
Johnson City, TN 37601-6966
(423) 928-4407 (Home)

Dealer Inquiries & Table Space
Sonny Dixon, WD4PIW
307 Buffalo Road
Bluff City, TN 37618
(423) 323-7922 (Home)

Visit Our Web Page
http://home.naxs.com/jcara/hamfest.html

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20877

Complete Selection of MIL-Spec Coax, RF Connectors and Relays

UG-21B/U N Male for RG-213/214 ..... $5.00
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N Connectors for 9913/Flexi4XL/9096

UG-21B/9913 .....$5.75 **Pins Only**.....$1.50
UG-21D/9913 .....$4.00 **Extra Gasket**..... .50

Amphenol 83-1SP-1050 PL-259 ..... $0.90
UG-176/U Reducer RG-59/8X... .25 or 5/$1.00
UG-175/U Reducer RG-58/58A . .25 or 5/$1.00
J&I Silver Teflon PL-259 MIL-Spec .....
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MIL-Spec Coax Available (Teflon, PVG 11A)
Certified CQ Flexi 4XL811A (Flexible 9913)

New Product: International's 9096-2A Low Loss RG-8 Size, Stranded Center Conductor Same Specs As 9913..... .70/ft or $59.00/100ft

Also New: RG-8X Clear w/UV Jacket 98% Cu
Intro Price.....$14.00/100ft

Call for Specials of the Month

Full Line of Audio Connectors for Icom, Kenwood, and Yaesu

8 Pin Mike Female..... $2.00
8 Pin Mike Male Panel..... $2.50
13 Pin DIN for Kenwood..... $2.75
8 Pin DIN for Icom..... $1.00
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Prices Do Not Include Shipping

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FAX 301/869-3680

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Specialists in CATV Hardline Matching Transformers, Power Dividers and Related RF Devices.

Built to fit 1/2,3/4 and 7/8 inch hardline, or can be custom built for other sizes of hardline and any frequency between 50 MHz and 1.3 GHz. When ordering, please include a 4-inch section of your hardline and specify the design frequency you need.

144 MHz units are . . . . . $39.95 per pair
222 MHz, 440 MHz, 903 MHz and 1296 MHz units are . . . . . $37.95 per pair

Add $7.50 per pair UPS shipping (U.S. Only)
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Custom Built Prices on Request.

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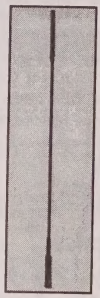
Paul H. Darwactor, W8ZD
605 Balsley Avenue, Findlay, OH 45840
PHONE: 419-424-8765

New Products *from Our Advertisers*

NCG Companies has introduced a new brand of Antennas to compliment their COMET line.

The new NATCOMM antennas will be marketed and distributed by NCG to their regular Comet dealers.

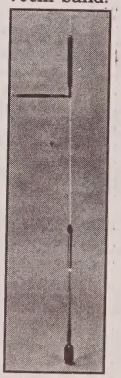
MH-510 Triband H/T Antenna



The new MH-510 "Natcomm" duck is an upgrade for the popular Yaesu VX-5R and ICOM IC-T8A multiband hand held radios. The MH-510 produces an excellent signal on 6M/2M and 70cm. Electrically it is a top-loaded 1/4-wave on 6M, a 1/4-wave on 2M and a 5/8-wave on 70cm. It comes with an SMA connector, eliminating the need for an SMA-BNC adapter.

CA-UHV Multiband Mobile

Comet Antenna has modified their CA-HV to resonate on the 70cm band. The new antenna is model # CA-UHV.



Initially the CA-UHV is designed for operation on 6M/2M70cm. When HF is desired, it comes with HF tuning coils for 40/15/10M. 23M and 17M coils are also available for purchase.

The result is an economical multiband antenna that is easy to mount with no special hardware required, very compact, and has a fold-over hinge built into the base for instant access to garages, structures, etc., without removing the antenna.

The CA-UHV is a 5/8-wave on 2M, providing gain & increased performance.

Duplexers and mounts are available from most Ham Radio Dealers.

For more information or purchase of these new products, see your local Comet Ham dealer, or contact NCG Companies, (800) 962-2611.

Brown Named PR Director of the Volnet TN Repeaters

-by Mark Hollomon, KD4MJA

A West Tennessee man who first experimented with ham radio in his hometown of Selmer at age 6, has been elected as Public Relations Director of the 4-state Amateur Radio Group known as the Volnet Repeater Association.

Rick Brown, KE4CES

Rickey L. Brown, KE4CES, 39, became the PR Director of Vol-net at a recent meeting of the Board of Directors. He will oversee and direct promotions for the multi-state association which with a string of linked repeaters, provides emergency service communications for the National Weather Service and other civilian agencies in times of emergency for communications.

Rickey who also owns his own UHF repeater has served as PIO and Government Liaison for the Jackson clubs for over 10 years.

Read our Hamfest Survey Results in this Issue

Kentucky Repeater Dedication

(Continued from Page 15)

the many hams who spent time and effort in this endeavor, but most of all - Larry Stein, WB4SMS, who has spent hundreds of hours programming and testing, these repeaters. Even in the beginning, two years ago, Larry was involved in organizing and collecting an equipment list to get this started. Larry has a team of repeater monitors and he coordinates their efforts.

This project was a long time in the planning and construction stage. But now it is a reality and we all hope that the new system will serve our Amateur needs both in pleasure and emergency.

The cooperation and funding received from our "Commercial" friends has been unbelievable and we shall all reap the rewards of their Public Service attitudes and actions.

Kentucky Happenings

FRED JONES
WA4SWF
wa4swf@foothills.net
511 LACKEY AVENUE
LOUISA, KY 41230

Jerry Shouse is your Kentucky Director of the SERA. We wish Jerry the very best on this job. I know that there has been some problems with the changing of the directors in KY and have some mixed up on who the director is. Jerry's e-mail address is n4eqt@sera.org if you have any questions I know he will be glad to help you with them.

* * * * *

I hope that everyone had a great Field Day, seems like there were a lot more on this year than in the past. Our Big Sandy Amateur Radio Club had a turn out of some of the old timers in ham radio in this area and we all had a good time.

* * * * *

Paintsville 145.27 N4KJU repeater is really working great at this time. Some work on it has it back up and running like it use too. PR DeLong and John Hager have done a great job on it.

Technical Tips

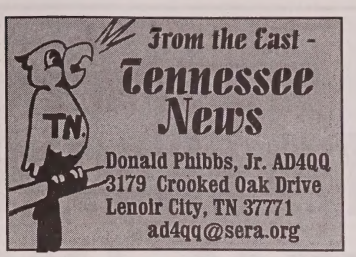
-by Randy McKenzie, KB4YFV

CAD WELD? What? Huh? What are you talking about? CAD Weld, a current trend in commercial installations, to make a great connection in ground systems. I recently used some of the CAD Weld "one-shot" units to connect 5/8 inch ground rods to my #2 cable for the radio station.

For those of you still in the dark, here is the details. CAD Weld is a technique of making a molecular bond between ground connections. Some require special molds, but the "one-shots" come as a complete package. The action is this : The ground rod is driven into the earth, #2 ground cable is brought to the top, a ceramic mold is place over the rod end, then the cable is inserted into a hole on the side. Special material is poured into the mold, ignition material included, apply the cover, ignite with a spark, and off goes a very fast, instant weld. The material melts around the copper, melting some of the copper as is flows, then cools to bond all the materials together. It sound fancy but very simple to do. A "one-shot" comes as a kit, includes all materials except the cable and ground rod for about $6. I ordered from Tessco but other sources are out there.

The result is a 100 % bond between the rod and cable. No corrosion, No clamps to loosen. Simple to install. So next time you check your grounds, think about CAD Welding them. Works great for larger ground wires, but not yet available for # 10 that many of us use. Try it, for a few bucks more, have a connection that will last. Not to mention making you sleep better when the thunder rumbles . . .

Are you REALLY sure that ground clamp is tight?? - *ill Next time : Randy*



As with the most of the Southeast we have been very hot here in East Tennessee. I made it to the Knoxville Hamfest and Travis, my son, and I both got a good sun-burn from visiting the tail gate area. I am always impressed when there is a good tail gating turn out. The Hamfest this year was no exception. Even in the heat, everyone seemed to be well pleased. Of course, the area inside was just as nice and just a little bit cooler, especially near the big fans.

The six-meter display of older 1960 vintage gear was very nice. I would like to see more of this type of displays at hamfest. You guys that have these neat collections should consider showing them more. Some of us newer hams really enjoy it. The beans and cornbread were also nice touch. A special thank you to all the workers and hamfest organizers for a job very well done.

At the time of this printing, Field Day 99 has come and gone. I hope as many of you that could participate were able to do so. The Loudon County ARES Group were scheduled to hold their first Field Day this year. They planned to operate at Melton Hill Camp Ground. Chuck Fullgraf, KE4OAR, and the Ft Loudon Operating Group deserve a special thanks for allowing the new group to join in.

See a story about the RACK Field Day by Michael Williams, KE4HSM in this issue.

East Tennesseans get your six meter rigs cranked up. The Radio Amateur Club of Knoxville (RACK) has began purchasing repeater parts for a six-meter repeater. Details are sketchy, but the decision has been made to go ahead with the building the repeater. With all the newer six-meter gear becoming somewhat affordable and being included on HF transceivers, another six-meter machine could help stimulate the bands growth in the area.

There is a new APRS packet system running in East Tennessee. Using a GPS, a TNC, and a packet program, operators will be able to see all the call signs of all the stations on the air if they are running APRS mobile.

The 146.450 repeater in Pigeon Forge , Tennessee carries the space shuttle launches live. The repeater's call sign is N4YEK and has a tone of 67-hz.

A special event station is scheduled for Aug 16 to August 29 celebrating the 38th Anniversary of the Bristol Motor Speedway and the 51st Anniversary of Nascar. A special call sign W4B will be used. The operating frequencies will be 3.860, 7.245, 14.237, 21.305, 28.310, 146.67 and 147.000.

Two meter stations will be working during the Food City 250 and Goody's 500 races on the 27th and 28th. A certificate is issued.

Repeater Journal

Hamfest Advertisers In This Issue

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Benson (NC)	Nov. 21	Pg.49
Butner (NC)	Sep. 26	Pg. 3
Charlotte MARS (NC)	Mar. 11-12	Pg.46
Chattanooga (TN)	Oct. 23	Pg.14
Greensboro (NC)	Nov. 27	Pg.48
Hickory (NC)	Oct. 23	Pg.18
Morganton (NC)	Apr. 15	Pg.33
Myrtle Beach (SC)	Nov. 6	Pg.10
Raleigh (NC)	Apr. 9	Pg.42
Roanoke (VA)	Aug. 21	Pg.34
Shelby (NC)	Sep. 4-5	Pg.4-5
Tri-Cities (Gray) (TN)	Oct. 16	Pg.15
Virginia Beach (VA)	Sep. 18,19	Pg.44
Winston-Salem (NC)	Jan. 22	Pg.39

Attend and Support as many of your area Hamfests You Possibly Can. It's lots of Fun!!!

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Join SERA - get the Repeater Journal !!

Join hundreds of your ham friends who support the SouthEastern Repeater, Association, Inc. (SERA), the local Non-Profit Frequency Coordinating organization - made up of repeater owners and repeater users in NC,SC,TN,WV,KY,GA,MS,& VA. Along with your membership you get free, the award winning *Repeater Journal* every quarter - February, May, August and November. SERA has worked hard for 27 years to keep our VHF/UHF bands working - your financial support of this great organization will enable us to continue this work.

Fill out the application below and mail with personal check to:
SERA MEMBERSHIP P.O. BOX 215 TOBACCOVILLE, NC 27050
Your Repeater Journal will start with the next quarterly issue if application received prior to quarterly deadlines of: Jan. 15, Apr. 15, Jul. 15 & Oct 15

Yes! I Want to Join SERA and the Journal!

THIS ASSOCIATE MEMBERSHIP APPLICATION FOR REPEATER USERS RJ-08-99
Please make check payable to: SERA Membership

Name_____ Call_____

Address_____ Date_____

City_____ State_____Zip_____

Phone ( ) _____ ARRL Member { } YES { } NO

E-Mail Address: _____

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$8.00 Per Year. (Max. 2 Years) (Journal Mailed Bulk Rate)
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$_____ Is Enclosed for _____ Year(s) Associate Membership.

Your membership will start with the next upcoming Quarterly Repeater Journal

SECOND ANNUAL

GREATER HICKORY AREA
COMPUTER / HAMFEST

Saturday, October 23, 1999

Catawba Valley Community College
2550 Hwy 70, SE Hickory, NC

8:00 AM - 5:00 PM

ARRL V.E. TEST SESSION (ALL CLASSES- WALK-INS ONLY)

• NEW 96' x 150' DISPLAY AREA •
•LOADING DOCK AVAILABLE • HANDICAP ACCESS•
• SNACKS & DRINKS AVAILABLE•
•2'X6' TABLES $5.00 ea.•
•TICKET + $5.00 FOR INDOOR FLEA MKT TABLE•
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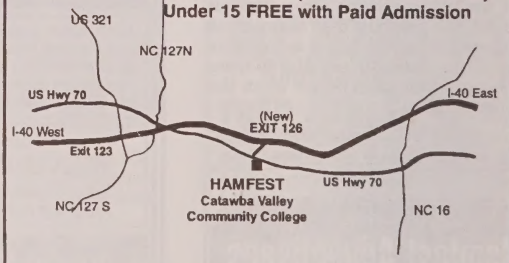
•OUTSIDE - ONE ADM. TKT. PER PARKING SPOT•
• FREE ELECTRICITY AVAILABLE ON FLOOR•
SETUP: INDOORS: FRI. 2 - 7 PM SAT. 6 - 8 AM
TALK-IN ON 145.170

ADMISSION:
ADVANCE TICKETS $4.00
AT DOOR $5.00 ($4.00 with Student ID)
Under 15 FREE with Paid Admission



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Catawba County R.A.C.E.S
Centralina Amateur Radio Club
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FOR A DEALER REGISTRATION PACKAGE OR ADDITIONAL INFORMATION
WRITE CATAWBA COUNTY R.A.C.E.S., PO BOX 9671, HICKORY, NC 28603, OR
email **hickoryhamfest@twave.net**

THE SERA OFFICIAL REPEATER INDEX

FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas surved by SERA.

Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA FM VOICE SIMPLEX

10 Meters:	29.600#					
6 Meters:	52.490	52.525#				
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*
	146.490*	146.505*	146.520#	146.535	146.550	146.565
	146.580	146.595	147.405*	147.420*	147.435*	147.450*
	147.465*	147.480*	147.495*	147.510	147.525	147.540
	147.555	147.570	147.585			
220 MHz:	223.400	223.420	223.440	223.460	223.480	223.500#
	223.520	223.540	223.560	223.580	223.600	223.620
	223.640					
440 MHz:	445.825	445.875	445.900	445.925	445.950	445.975
	446.000#	446.025	446.050	446.075	446.100	446.125
	445.150	(Not all listed)				

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530
	145.550	145.570	145.590	145.610	145.630	145.650
	145.670	145.690	145.710	145.730	145.750	145.770
	145.790					
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760
	223.780					

High speed digital channel (100 KHz wide) - 222.350 - 222.450 (222.400 Center)
High speed digital channel (100 KHz wide) - 223.800 - 223.900 (223.850 Center)

440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750
	440.9875	441.0000	441.0125	441.0375	441.0500	441.0625
	441.0750	441.0875	441.1000	441,1125	441.1375	441.1500
	441.1625	441.1750				

NOTE: Digital operators are reminded to check with their local Digital/Packet organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels have specific exclusive uses.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Listings Correct as of July 15, 1999

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640 -	T118.8	
DALTON	N4BZJ	29.680 -		Ⓒ
#MACON	KF4XH	29.620 -	UNCOR	Ⓒ
MONROE	KQ4XL	29.620 -		Ⓒ

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	
AUGUSTA	NA4I	53.030 -		Ⓒ
BOLINGBROKE	KR4OL	53.430 -		Ⓒ
CARTERSVILLE	WB4AEG	53.070 -	T123.0	Ⓒ
CLEVELAND	N4RBT	53.170 -		
CRAWFORD	KD4FVI	53.330 -	T88.5	
#CUMMING	WA4YNZ	51.700 -	UNCOR	Ⓒ
DALTON	N4BZJ	53.130 -		Ⓒ
DECATUR	KA4UFM	53.390 -	T	Ⓒ
DOUGLASVILLE	N4UOX	53.470 -	T88.5	
IVEY/MACON	K4YC	53.730 -	T88.5	Ⓒ
LAKE PARK	KB0Y	53.890 -	T141.3	Ⓒ
LAWRENCEVILLE	W4GR	53.110 -	103.5	
#MACON	KF4XH	53.390 -	UNCOR	
MARIETTA	N1KDO	53.210 +	T79.7	Ⓒ
MARIETTA	KF4BMG	53.250 +	T79.7	Ⓒ
PINE LOG MT.	KE4PN	53.290 +	T198.2	
#ROSWELL	WA4YNZ	53.010 -	UNCOR	Ⓒ
WATKINSVILLE	KD4AOZ	53.570 -	T	Ⓒ

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		Ⓒ
ALBANY	W4MM	146.700 -		
ALBANY	W4MM	146.730 -		
ALBANY	W4MM	146.820 -		
ATHENS	WA4BKF	146.745 -		Ⓒ
ATHENS/CRAWFRD	K4TQU	147.375 +		Ⓒ
ATLANTA	W4AQL	145.150 -		
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	Ⓒ
ATLANTA	K4LCI	145.430 -		
ATLANTA	W4DOC	146.820 -	T146.2	Ⓒ
ATLANTA	K4CLJ	146.970 -	T	Ⓒ
ATLANTA	WB6RTH	147.105 +	T77.0	Ⓒ
ATLANTA	K4JPD	147.195 +	T	
ATLANTA/AIRPORT	W4REI	147.030 +		Ⓒ
ATLANTA/BELL	W4PME	145.410 -	100.0	Ⓒ
ATLANTA/GPCO	WA4VBX	147.285 +		Ⓒ
ATLANTA/MARIETTA	N4NFP	146.655 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	147.345 +	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730 -		
AUGUSTA	NA4I	145.290 -	T100.0	Ⓒ
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	NA4I	145.410 -		Ⓒ
AUGUSTA	W4DV	145.490 -		Ⓒ
AUGUSTA	KT4N	146.940 -		
AUGUSTA	K4KNS	146.985 -		Ⓒ
AUGUSTA	N4BMA	147.180 +		
BAINBRIDGE	KE4RWR	147.090 +	PROP	
BALDWIN	WD4NHW	147.180 +		Ⓒ
BLAIRSVILLE	K5PRE	146.955 -		Ⓒ
BOGART	WW4T	147.000 +	PROP	Ⓒ
BONAIRE	KD4HMH	145.470 -		Ⓒ
BONAIRE	KM4DT	147.015 +	T82.5	Ⓒ
BOSTON	W4UCJ	147.195 +		Ⓒ
BRUNSWICK	K4TVE	146.730 -		
C;EV;MD/LONG MT	WB4HIG	146.910 -		Ⓒ
CARROLLTON	W4FWD	146.640 -	T131.8	Ⓒ
CARTERSVILLE	N4GIS	147.015 -		Ⓒ
CEDARTOWN	W4CMA	147.120 +		Ⓒ
CHATSWORTH	N4YYD	145.250 -	T71.9	
CHULA	W4PVW	147.285 +	T103.5	Ⓒ
COCHRAN	N4MXC	145.110 -	T107.2	
COCHRAN	W3LAP	147.330 +	T77.0	Ⓒ
COLBERT	N4ALE	147.300 +		Ⓒ
COLUMBUS	W4CVY	146.610 -		
CONYERS	KF4GHF	147.210 +	T162.2	Ⓒ
CORDELE	KB0Y	145.230 -	PROP	Ⓒ
CORDELE	KA4WUJ	145.490 -	T103.5	Ⓒ
COVINGTON	WA4ASI	146.925 -		Ⓒ
COVINGTON	WA1KMS	147.270 +	T127.3	Ⓒ
CUMNG/SAWNE MT	K4BYK	147.150 +		Ⓒ
DAHLONEGA	N4KHQ	146.835 +	T100.0	Ⓒ
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	Ⓒ
DALTON	KS4BS	145.230 -		Ⓒ
DALTON	N4BZJ	147.135 +	T100.0	Ⓒ
DECATUR	W4BOC	145.450 -		Ⓒ
DOUGLAS	KE4ZRT	147.045 +	141.3	Ⓒ
DOUGLASVILLE	KR4HV	145.110 -	T88.5	Ⓒ
DOUGLASVILLE	W4SCR	147.360 +	T88.5	Ⓒ
DUBLIN	WA4HZX	147.360 +		Ⓒ
EASTMAN	KC4RRO	145.210 -		Ⓒ
EASTMAN	KF4ODQ	145.330 +	T77.0	
EATONTON	KC4YHM	147.090 +	T179.9	
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	Ⓒ
EMERSON	AE4JO	147.240 +	T103.5	Ⓒ
FAYETTEVILLE	WA4EPK	145.210 -		Ⓒ
FAYETTEVILLE	KB4KZY	146.685 -		Ⓒ
FOLKSTON	KD4GEY	146.790 -		
GAINESVILLE	W4ABP	146.670 -	T131.8	Ⓒ
GRIFFIN	K4HYB	145.390 -	T88.5	
GRIFFIN	K4HYB	146.910 -		
HARTWELL	WA4RBS	146.895 -	T100.0	Ⓒ
HELEN	W4MMQ	147.390 +		
HINESVILLE	KF4UM	147.015 +		Ⓒ
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY	K4YC	145.250 -	T	Ⓒ
IVEY/MACON	K4YC	145.150 -	77.0	Ⓒ
JASPER	KB4IZF	145.370 -	T100.0	Ⓒ
JASPER	W4OOM	146.700 -		
JASPER	KC4AQS	146.805 +	T100.0	Ⓒ
JESUP	KA4EIM	145.430 -		Ⓒ
JONESBORO	WA4DIW	145.170 -		Ⓒ
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	Ⓒ
KINGSLAND	KC4WWU	147.285 +	T118.8	Ⓒ
LAFAYETTE	KB4VAK	147.375 +	T77.0	
LAGRANGE	KD4BWK	146.700 -	T141.3	Ⓒ
LAKE PARK	KB0Y	147.135 +	T141.3	Ⓒ
LAVONIA	K4NVG	146.715 -	T100.0	Ⓒ
LAWRENCEVILLE	WB0QGH	145.190 -	T	Ⓒ
LAWRENCEVILLE	W4GR	147.075 +	82.5	Ⓒ
#LINCOLNTON	KT4N	147.120 +	UNCOR	
LOOKOUT MTN	W4GTA	145.350 -	TT100.0	Ⓒ
LOOKOUT MTN	KS4QA	146.760 -	T67.0	Ⓒ
MACON	W4BKM	145.370 -		
MACON	AA4RI	145.430 -		Ⓒ
MACON	W4BKM	146.660 -		
MACON	K4PDQ	146.805 -	T77.0	Ⓒ
MACON	N3SM	146.895 -	T123.0	
MACON	WA4DDI	147.060 +	T	Ⓒ
#MACON	KF4XH	147.165 +	UNCOR	
MADISON	WB4DKY	146.865 -	T179.9	Ⓒ
MARIETTA	W4LMA	145.490 -		Ⓒ
MARIETTA	N4NFP	146.775 -	T118.8	
MARIETTA/ATLANTA	W4BTI	146.880 -	T100.0	Ⓒ
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	
MILLEDGEVILLE	K4FRM	147.135 +	T123.0	
#MONROE	KD4WOU	146.955 -	UNCOR	Ⓒ
MORGANTON	N4NEQ	147.165 +	T	
MOULTRIE	WD4KOW	146.790 -		Ⓒ
NEWNAN	K4SEX	145.130 -		Ⓒ
NEWNAN	KD4MFS	145.350 -		
#NEWNAN	K4SEX	146.790 -	UNCOR	Ⓒ
#NORTH ATLANTA	KR4KS	147.315 +	UNCOR	
PEMBROKE	WB4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	Ⓒ
PERRY	WR4MG	146.955 -	107.2	Ⓒ
QUITMAN	WA4NKL	146.880 -		
RICEBORO	KF4UM	145.470 -		Ⓒ
RINGGOLD	W4ABZ	146.715 -	T67.0	Ⓒ
ROME	WB4YSV	147.300 +		

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

GEORGIA REPEATERS CONTINUE

ROME/MT. ALTO	W4VO	146.940 -	
ROSWELL	N4CLA	147.060 +	
SANDERSVILLE	KT4X	145.270 -	T77.0
SAVANNAH	K4NLX	146.700 -	
SAVANNAH	KE4WAQ	146.850 -	
SAVANNAH	W4HBB	146.880 -	
SAVANNAH	W4HBB	146.970 -	
SAVANNAH	K4LNX	147.210 +	
SAVANNAH	K4NLX	147.330 +	
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8
STATESBORO	NC4D	147.105 +	
STOCKBRIDGE	WA4JDR	145.310 -	
STONE MT	W4BOC	146.760 -	T107.2
STONE MTN	WD4KDT	147.255 +	T
SUMMERVILLE	W4RLP	147.225 +	
SWEAT MT/MARIETT	N4CLA	145.470 -	
THOMASTON	W4OHH	147.390 +	
THOMASVILLE	W4UCJ	147.060 +	
THOMSON	KC4GSS	146.835 -	
TOCCOA	KA4DIP	147.330 +	
TYRONE	WD4LYT	147.165 +	PROP
VALDOSTA	WR4SG	145.130 -	T141.3
VALDOSTA	KF4BJM	146.760 -	141.3
WALESKA/PNLGMT	KE4PN	145.270 -	T103.5
WARM SPRINGS	KN4FE	146.985 -	
WARNER ROBINS	WA4ORT	146.850 -	
WARNER ROBINS	WB4BDP	147.180 +	
WARNER ROBINS	WR4MG	147.300 +	107.2
WATKINSVILLE	KD4AOZ	147.045 +	T
WAYCROSS	AE4PO	146.640 -	T141.3
WAYCROSS	AE4PO	147.255 +	PROP
WAYNESBORO	K4BR	145.230 -	
WRENS	KB4NA	146.775 -	
WRIGHTSVILLE	WA4RVB	146.940 -	
#YOUNG HARRIS	K2YRW	147.090 +	UNCOR

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T123.0
ACWORTH/ATL	N4MTA	224.500 -	T123.0
ALPHARETTA	NX9O	224.580 -	100.0
#ALPHARETTA	WB6RTH	224.840 -	UNCOR
ALPHARETTA	KC4JNN	224.860 -	T100.0
ATL/MARIETTA	N4NEQ	224.440 -	T118.8
ATLANTA	W4DOC	224.340 -	
ATLANTA	W4DOC	224.560 -	T146.2
ATLANTA	WB5TUF	224.800 -	T110.9
ATLANTA	KK4C	224.820 -	
ATLANTA-NE	KC4OVY	224.200 -	T100.0
ATLANTA/BELL	W4PME	224.620 -	100.0
ATLANTA/MARIETTA	N4NFP	224.120 -	T118.8
ATLANTA/MARIETTA	N4NEQ	224.220 -	
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0
AUGUSTA	WB4KXO	224.940 -	
BISKEY MTN	KC4JNN	224.160 -	T100.0
DAHLONEGA	N4RBT	224.380 -	PROP
DALLAS	N4YDX	224.180 -	
DALLAS	N4YEA	224.540 -	
DALLAS	W4TIY	224.700 -	
DALLAS	WD4LUQ	224.880 -	T77.0
DALTON	N4BZJ	224.360 -	T
DALTON	N4BZJ	224.460 -	T118.8
DALTON	N4BZJ	224.680 -	
DALTON	N4KVC	224.740 -	T
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9
GAINESVILLE	W4ABP	224.460 -	PROP
HAWKINSVILLE	WR4MG	224.820 -	PROP
JASPER	KC4AQS	224.400 -	PROP
JASPER	N4GIS	224.600 -	100.0
#LOGANVILLE	WB6RTH	224.640 -	UNCOR
MACON	W4BKM	224.660 -	
MARIETTA	KE4QFG	224.260 -	
MARIETTA	W4LMA	224.900 -	
NORCROSS	KE4IPX	224.480 -	
PINE LOG MTN	KE4AIS	224.520 -	
SNELLVILLE	KR4KS	224.920 -	T
STONE MT	W4BOC	224.760 -	
TEMPLE	KU4PE	224.300 -	T151.4
VALDOSTA	KB0Y	224.460 -	T141.3
WALESKA	KD4ALC	224.140 -	
WALESKA	N4GIS	224.940 -	
WARNER ROBINS	WR4MG	224.840 -	
WATKINSVILLE	KD4AOZ	224.420 -	T

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0
ALBANY	W4MM	444.500 +	
ALPHARETTA	WB6RTH	442.000 +	
ATHENS	AA4AI	442.950 +	T179.9
ATHENS	WB4VNT	443.300 +	T
ATL/MARIETTA	N4NFP	442.800 +	T
ATLANTA	WA4NMF	442.025 +	T100.0
#ATLANTA	WB6RTH	442.225 +	UNCOR
ATLANTA	WB5TUF	442.525 +	T110.9
ATLANTA	KE4PVE	442.675 +	T100.0
ATLANTA	WA4YNZ	442.975 +	T
ATLANTA	WA4NMF	443.025 +	T100.0
ATLANTA	WB5TUF	443.450 +	T110.9
ATLANTA	W4DOC	444.450 +	T146.2
ATLANTA	WB5TUF	444.500 +	T110.9
ATLANTA	W4DOC	444.825 +	T146.2
ATLANTA	WA4YNZ	444.975 +	T
ATLANTA/BELL	W4ZTL	421.250 +	
ATLANTA/BELL	W4PME	444.150 +	T100.0
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0
ATLANTA/MARIETTA	N4NFP	443.800 +	T118.8
ATLANTA/MARIETTA	N4NEQ	444.050 +	T118.8
ATLANTA/MARIETTA	N4NEQ	444.775 +	118.8
AUGUSTA	NA4I	444.900 +	
BALDWIN	WD4NHW	442.350 +	
#BISKEY MTN	KC4JNN	443.250 +	UNCOR
BLAIRSVILLE	KE4D	442.200 +	PROP
BOGART	WW4T	443.475 +	PROP
BONAIRE	KM4DT	444.625 +	T82.5
BRUNSWICK	K4TVE	444.975 +	
BUFORD	K3TD	442.900 +	T103.5
#BYRON	WB4SBT	444.700 +	UNCOR
CARROLLTON	AE4GU	444.075 +	T107.2
CEDARTOWN	KD4EKZ	443.400 +	T123.0
CEDARTOWN	KD4NTF	443.575 +	T107.2
CHATSWORTH	N4OGF	443.000 +	
CHESTER	KD4IEZ	444.525 +	T156.7
CLAYTON	K4DKI	442.825 +	T
COCHRAN	N4MXC	444.775 +	PROP
COCHRAN	W3LAP	444.975 +	77.0
CONCORD	WB4GWA	443.400 +	118.8
CONYERS	KB2DZA	443.725 +	T77.0
#COVINGTON	K4GO	443.750 +	UNCOR
COVINGTON	KE4PVE	444.175 +	T100.0
COVINGTON	WA4ASI	444.800 +	T88.5
CULLODEN	KE4BB	444.275 +	T123.0
CUMMING	WA4BPY	442.575 +	T79.9
#CUMMING	WA4YNZ	444.975 +	UNCOR
DAHLONEGA	N4KHQ	443.100 +	100
DAHLONEGA	N4KHQ	444.900 +	
DALLAS	W4TIY	443.700 +	PROP
DALLAS	WD4LUQ	444.700 +	T77.0
DALTON	N4BZJ	442.175 +	T118.8
DALTON	N4BZJ	444.500 +	T118.8
DALTON	N4BZJ	444.850 +	
DANIELSVILLE	KE4FHN	442.650 +	T
DECATUR	N3APR	442.200 +	
DECATUR	KA4UFM	443.950 +	T110.9
DECATUR	W4BOC	444.250 +	
DOUGLASVILLE	W4SCR	444.575 +	T88.5
DUBLIN	KD4FOC	442.600 +	T77.0
DUBLIN	KD4IEZ	443.025 +	T156.7
DULUTH	W4IXN	443.775 +	T82.5
EATONTON	KC4YHM	442.925 +	
ELLIJAY	KC4ZGN	442.700 +	T77.0
FAYETTEVILLE	KD4YDC	444.600 +	PROP
FLOWERY BRANCH	K4VJM	442.775 +	PROP
FOLKSTON	KD4GEY	444.475 +	
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9
GAINESVILLE	W4ABP	442.625 +	T131.8
#GAINSVILLE	WA4DB	444.200 +	UNCOR
GRAY	KD4KGR	443.625 +	
GREENSBORO	N4YXL	444.850 +	PROP
GRIFFIN	KE4WLP	443.550 +	PROP
HAPEVILLE	AA4ENL	442.825 +	T167.9
HELEN	W4MMQ	444.350 +	
HIGH PT/LOOKT MT.	KB4VAK	443.450 +	T77.0
HINESVILLE	KF4UM	444.850 +	PROP
HOG MTN	WB0QGH	444.400 +	T82.5
HOGANSVILLE	KC4YNY	444.300 +	PROP
IRWINTON	WB4NFG	444.925 +	T77.0
IVEY	K4YC	443.200 +	PROP
IVEY	K4YC	444.650 +	T
JASPER	KC4AQS	443.375 +	PROP
JASPER	W4UWH	443.625 +	T100.0
JASPER	KB4IZF	444.375 +	T103.5
JONESBORO	N4QCP	443.225 +	
JULIETTE	WB4JWM	444.425 +	T156.7
KENNESAW	WA0HQQ	443.075 +	T
KNOXVILLE	N4PQR	443.525 +	PROP
LAKEMONT	N4ZRF	444.750 +	T
LAVONIA	K4NVG	442.475 +	T203.5
LAWRENCEVILLE	WB0QGH	442.850 +	T82.5
LAWRENCEVILLE	WB4QDX	444.000 +	T100.3
LAWRENCEVILLE	WA4NMF	444.025 +	T127.3
LOOKOUT MTN	KS4QA	442.650 +	T146.2
MABLETON	W4JLG	442.325 +	T
MACON	K4DDH	442.275 +	T100.0
MACON	N4IWK	442.875 +	T
MACON	KC4ZIZ	443.075 +	T156.7
MACON	W4BKM	444.100 +	
MARIETTA	N1KDO	442.050 +	T107.2
MARIETTA	KE4QFG	442.375 +	T
MARIETTA	WA4OKJ	442.600 +	T100.0
MARIETTA	N4MTA	443.500 +	
MARIETTA	KF4BMG	444.325 +	PROP
MARIETTA/ATL	KE4QFG	442.725 +	T
MILLEDGEVILLE	WB4DOJ	444.700 +	T156.7
MONROE	KD4WOU	443.825 +	T123.0
MONROE	KQ4XL	443.925 +	T123.0
MT. VERNON	KE4PMP	442.500 +	PROP
NEWNAN	KE4PVE	444.350 +	PROP
#NORTH ATLANTA	KF4KS	442.250 +	UNCOR
PEACHTREE CITY	N4YTR	444.675 +	
PENDERGRASS	KE4PVE	444.125 +	PROP
PERRY	WR4MC	444.950 +	
QUITMAN	WA4NKL	444.600 +	T127.3
RINGGOLD	KW4KW	442.300 +	PROP
RINGGOLD	W4BAB	443.925 +	
ROME	W4VO	443.675 +	PROP
ROSWELL	W8BLA	442.075 +	T
#ROSWELL	WA4YNZ	442.975 +	UNCOR
ROSWELL/BELL	N4SE	442.150 +	T100.0
ROSWELL/BELL	W4PME	443.150 +	100.0
SAVANNAH	K4NLX	421.250 +	
SAVANNAH	WA4VHP	427.250 +	T
SAVANNAH	K4NLX	442.700 +	
SAVANNAH	WD4AFY	444.000 +	
SNELLVILLE	WA4NMF	442.450 +	T
SNELLVILLE	NE1H	443.050 +	T
SNELLVILLE	W4GR	444.525 +	82.5
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8
STOCKBRIDGE	WA4JMD	443.325 +	T
SWEAT MT/MARIETT	N4CLA	444.475 +	
TRENTON	KS4QA	442.475 +	67.0
VALDOSTA	WR4SG	444.350 +	T141.3
VALDOSTA	KF4BJM	444.700 +	T141.3
WALESKA	N4GIS	443.175 +	
#WALESKA	KE4PN	443.850 +	UNCOR
WALESKA	KD4DXR	444.950 +	T88.5
WARM SPRINGS	N4UER	442.400 +	
WARNER ROBINS	WR4MG	442.900 +	
WARNER ROBINS	WB4BDP	444.225 +	
WATKINSVILLE	KD4AOZ	444.725 +	T
WAYCROSS	AE4PO	444.025 +	PROP
WOODSTOCK	KE4SJO	444.225 +	

920 MHZ

#SAVANNAH	WA4VHP	923.000 -	UNCOR

1270 MHZ

ATL/MARIETTA	N4NEQ	427.250 +	
ATLANTA/BELL	KB4KIN	1292.000-	
DALTON ATV	N4BZJ	421.250 +	

KENTUCKY

10 METERS

LOUISVILLE	KK4CZ	29.640 -	

6 METERS

#ASHLAND	KC4QK	53.010 -	UNCOR
HIGHLAND HEIGHTS	AD4CC	53.330 -	
HIGHLAND HEIGHTS	W4YWH	53.750 -	PROP
LAWRENCEBURG	N4EQT	53.130 -	T107.2
LEXINGTON	KE4LGL	53.570 -	
LOUISVILLE	KF4UAQ	53.290 -	
LOUISVILLE	WA4DBY	53.430 -	T151.4
MONTICELLO	N4TPL	53.070 -	T100.0
NANCY	KA4UHL	53.270 -	T100.0
#STANTON	WD4KNE	53.810 -	UNCOR
WAYNESBURG	KE4RKF	53.390 -	T100.0

2 METERS

ALLEN	K4ICN	147.300 +	T123.0
ASHLAND	KA4OIL	146.940 -	
ASHLAND	KC4QK	147.240 +	T107.2
ASHLAND	WA8KWH	147.330 +	
BARBOURVILLE	KE4INT	147.390 +	PROP
BARDSTWN/NELSN	WB4GGH	145.470 -	
BEREA	KI4B	146.715 -	
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5
BOWLING GREEN	K4LOL	147.060 +	156.7
BOWLING GREEN	W4WSM	147.165 +	
BOWLING GREEN	KA4CFW	147.330 +	
BOWLING GREEN-S.	W4WSM	146.655 -	
BROOKS	KY4KY	146.700 -	151.4
CANE VALLEY	WA4UXJ	146.640 -	
#CENTRAL CITY	WF4N	145.390 -	UNCOR
CORBIN	WD4KWV	146.610 -	
#COVINGTON	WR8CRA	145.410 -	UNCOR
COVINGTON	WR8CRA	147.390 +	
CRESTWOOD	KF4TOL	147.390 +	T151.4
DANVILLE	WD4DZC	146.655 -	
DAVID	KC4KZT	145.310 -	T
DAWSON SPRINGS	KF4CWK	147.090 +	T103.5
#DIXON	N4IOX	147.255 +	UNCOR
DORTON	KC4KZT	146.895 +	T141.3
ELIZABETHTOWN	W4BEJ	146.980 -	
FARMINGTON	W4GZ	147.240 +	
FLEMINGSBURG	KF4BRO	146.955 -	T107.2
FLORENCE	KA4JBV	146.895 -	100.0
FRANKFORT	N4EQT	147.105 +	T107.2
FRANKFORT	KC4AI	147.240 +	T100.0
FRANKLIN	KE4SZK	147.135 +	PROP
GLASGOW	KY4X	146.940 -	114.8
GRAYSON	KF4JO	146.700 -	
GRETHEL	KJ4VF	147.045 +	
GUTHRIE	KA4NNE	146.805 -	
HALLS GAP	W8PRH	145.170 -	
#HAWESVILLE	K9ZK	147.105 +	UNCOR
HAZARD	KF4SJO	146.670 -	
HAZARD	W8PRH	146.805 -	
HENDERSON	W4KVK	145.490 -	
#HENDERSON	K4DPP	146.970 -	UNCOR
HENDERSON	K4LRX	147.180 +	T141.3
HIGHLAND HEIGHTS	W4YWH	146.790 -	
HIGHLAND HEIGHTS	K4CO	147.255 +	T123.0
#HODGENVILLE	KC4TX	147.315 +	UNCOR
HOPKINSVILLE	KF4FO	146.710 -	
HOPKINSVILLE	KD4ULE	147.030 +	T103.5
HUEYSVILLE	KF4ZTB	145.470 -	PROP
HYDEN	KF4TLT	147.240 +	186.2
IRVINE	W4CMR	146.820 -	192.8
IRVINE	AD4RU	147.015 +	
#IRVINE	W4CMR	147.225 +	UNCOR
IRVINGTON	WB4WVH	146.900 -	
JACKSON	WA4MXO	145.410 -	
LAWRENCEBURG	N4EQT	146.390 -	T107.2
LEESBURG	KC4UPE	145.110 -	T192.8
LEXINGTN/GRGTWN	W8PRH	145.210 -	

SYMBOLS: © = Full Member SERA T = Tone Accessed (plus tone freq) # and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

KENTUCKY REPEATERS CONTINUE

LEXINGTON	AD4YJ	145.250 -	110.9
LEXINGTON	KC4TX	145.450 -	
LEXINGTON	WB4CWF	145.490 -	
LEXINGTON	KE4ISR	146.685 -	
LEXINGTON	AC4AO	146.730 -	
LEXINGTON	K4KJQ	146.760 -	
LEXINGTON	WA4HBM	147.165 +	
LEXINGTON	KJ4VF	147.195 +	
LONDON	KE4ZJT	147.180 +	151.4
LONDON	KC4ZFH	147.285 +	T
LOUISA	N8QCW	147.390 +	T186.2
LOUISVILLE	W8PRH	145.230 -	
LOUISVILLE	AC2DC	145.290 -	T151.4
LOUISVILLE	W4PF	146.880 -	
LOUISVILLE	W4PJZ	147.030 +	151.4
LOUISVILLE	N4NMC	147.070 +	T151.4
#LOUISVILLE	KA4KMT	147.120 +	UNCOR
#LOUISVILLE	KA9KOP	147.150 +	UNCOR
LOUISVILLE	W4CN	147.180 +	
LOUISVILLE	WB4EJK	147.270 +	151.4
LOUISVILLE	KQ9Z	147.360 +	
LOUISVILLE AREA	N4RBL	145.130 -	T151.4
LYNN GROVE	KA4BLZ	146.895 -	T210.7
MADISONVILLE	KC4FRA	146.610 -	
MAYSVILLE	WA4WMM	145.470 -	
MIDDLESBORO	W4PPM	146.775 -	
MILLARD	KD4RTR	146.745 -	T141.3
MONTICELLO	WB8SHH	145.150 -	
MONTICELLO	N4TPL	147.375 +	T100.0
MOREHEAD	KJ4VF	145.130 -	
MOREHEAD	K4GFY	146.910 -	T123.0
#MT. STERLING	WD4KNE	147.330 +	UNCOR
MURRAY	K4MSU	146.940 -	
NANCY	KA4UHL	146.790 -	T100.0
OWENSBORO	KE4RNM	146.685 -	110.9
OWENSBORO	KM4OF	146.865 -	
OWINGSVILLE	N4TLP	147.075 +	
PADUCAH	K4CUW	146.655 -	T
PADUCAH	K4CUW	146.760 -	
PADUCAH	W4NJA	147.060 +	
PAINTSVILLE	N4KJU	145.270 -	T
PARIS	KE4QOS	147.045 +	PROP
PHELPS	KJ4YK	147.090 +	
PIKEVILLE	AD4BI	145.150 -	107.2
PIKEVILLE	KM4IV	146.850 -	
#PINEVILLE	WA4YZY	146.640 -	UNCOR
PRESTONSBURG	WB4UBY	147.165 +	
RADCLIFF	AI4HB	145.350 -	173.8
RADCLIFF	W4BEJ	146.925 -	
RICHMOND	KE4YVD	145.370 -	T192.8
RICHMOND	KG4AEU	146.865 -	
ROCKPORT	KD4BOH	145.270 -	
SALEM	KC4VXR	147.315 +	
SALVISA	KC4ZOX	146.835 -	T192.8
SALYERSVILLE	KB4SQI	145.190 -	T127.3
SAND GAP	AF4ME	147.060 +	PROP
SHELBYVILLE	KE4LR	147.000 +	
SO. PORTSMOUTH	WD8IFH	145.390 -	T
SOMERSET	KA4UHL	146.880 -	
SPRINGFIELD	WA4SJH	147.300 +	
ST. CHARLES	KE4AIE	147.270 +	
STANTON	N4VOS	145.290 -	
STANTON	W8PRH	146.970 -	
STINETT	KF4TLT	147.345 +	PROP
TOMPKINSVILLE	KJ4OG	146.775 -	
VANCEBURG	AE4SK	146.775 -	
VERSAILLES	KF4INN	145.330 -	
WADDY	KS4TO	146.910 -	T107.2
WALTON	K4CO	147.375 +	
WEBSTER	K4ULW	146.625 -	T151.4
WILLIAMSBURG	KD4DAX	145.350 -	
WILLIAMSBURG	KG4M	147.000 +	
WINCHESTER	WB4ASZ	147.120 +	

220 MHZ

#ASHLAND	KC4QK	223.940 -	UNCOR
IRVINE	AD4RU	224.940 -	
LANCASTER	KD4RXF	224.560 -	
LEXINGTON	AC4AO	224.420 -	
LEXINGTON	KR4BD	224.800 -	
LOUISVILLE	KA4MKT	224.300 -	
MIDDLESBORO	WM4MD	224.120 -	T82.5
NANCY	KA4UHL	224.100 -	T100.0
PIKEVILLE	KD4DAR	224.620 -	
SHEPHERDSVILLE	N4FND	224.500 -	PROP
SOMERSET	N4AI	224.300 -	
SOMERSET	N4AI	224.880 -	
VERSAILLES	AD4CR	224.220 -	

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0
ASHLAND	KC4QK	444.975 +	107.2
BAGDAD	WB4PQJ	443.850 +	PROP
BARDSTOWN	KT4GB	443.000 +	PROP
BEATTYVILLE	KC4UPE	444.825 +	T192.8
BOWLING GREEN	W4HTB	1280.000 -	
BOWLING GREEN	W4HTB	426.250 +	
BOWLING GREEN	W4WSM	444.100 +	
BOWLING GREEN	N5KOL	444.700 +	T136.5
CANE VALLEY	KC4TX	443.950 +	T
CORBIN	WB4IVB	444.900 +	T100.0
COX'S CREEK	AE4NU	443.450 +	T151.4
DAVID	KC4KZT	443.900 +	T167.9
DAWSON SPRINGS	KU4MJ	444.275 +	
DEANE	N4LGT	444.425 +	
DORTON	KD4RTR	442.150 +	
DORTON	KJ4VF	443.250 +	
ELIZABETHTOWN	W4BEJ	421.250 +	
ELIZABETHTOWN	W4BEJ	444.800 +	
FLORENCE	KC4COV	443.175 +	
FLORENCE	KC4COV	443.475 +	T192.8
FLORENCE	KC4COV	444.175 +	T192.8
FORT WRIGHT	KY4JD	442.525 +	T123.0
FOSTER	KU4ML	443.125 +	
FRANKFORT	K4NGQ	442.175 +	T67.0
FRANKLIN	KD4TAH	443.225 +	
GILBERTSVILLE	W2HR	442.850 +	T103.5
GLASGOW	KY4X	444.925 +	
GRAEFENBURG	N4HZX	443.550 +	
GRETHEL	KJ4VF	444.525 +	
HAWESVILLE	KB4QFL	444.625 +	
HAZARD	KE4BHZ	443.975 +	T103.5
HENDERSON	KY4K	444.725 +	T203.5
HIGHLAND HEIGHTS	W4YWH	444.900 +	
HOPKINSVILLE	KE4AIF	444.750 +	T103.5
INDEPENDENCE	K4JBV	442.325 +	100
INDEPENDENCE	KB8SBN	444.075 +	T110.9
IRVINE	W4CMR	442.900 +	
IRVINE	AD4RU	444.000 +	
LATONIA	AA4XV	442.400 +	T
LAWRENCEBURG	N4EQT	443.325 +	T107.2
LEWISPORT	K4DC	444.550 +	
#LEXINGTON	KY4ATV	923.250 -	UNCOR
LEXINGTON	KD4ADJ	442.050 +	
LEXINGTON	KE4OOL	443.025 +	T123.0
LEXINGTON	KC4ZY	444.125 +	
LEXINGTON	KC4DUU	444.550 +	
LEXINGTON	KE4ISR	444.725 +	T
LEXINGTON	N4DUE	444.950 +	
LOUISVILLE	WD4ELX	442.550 +	
LOUISVILLE	KB4YJ	442.725 +	151.4
LOUISVILLE	WD9EQC	443.500 +	
LOUISVILLE	N4UL	444.100 +	173.8
#LOUISVILLE	WB4ZZD	444.300 +	UNCOR
LOUISVILLE	N4NMC	444.600 +	T151.4
LOUISVILLE AREA	N4RBL	442.100 +	T
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4
LOUISVILLE SW	K4ULW	443.350 +	
MADISONVILLE	KC4FIE	442.425 +	
MADISONVILLE	AE4LW	442.575 +	T100.0
MADISONVILLE	KC4FIE	442.775 +	
MADISONVILLE	KC4FIE	444.600 +	
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9
MAYSVILLE	KF4BRO	443.500 +	T123.0
META	WB4UBY	443.500 +	
MIDDLESBORO	WM4MD	442.325 +	T67.0
MIDDLESBORO	WB4IVB	444.150 +	T100.0
MILLARD	KD4RTR	443.425 +	
MONTICELLO	WB9SHH	444.750 +	
MOREHEAD	K4GFY	442.500 +	
MT STERLING	KD4ADJ	442.600 +	
MURRAY	K4MSU	443.800 +	T114.8
NANCY	KA4UHL	443.600 +	T100.0
NICHOLASVILLE	KC4UPE	444.775 +	T167.9
NICHOLASVILLE	WB4CWF	444.975 +	
OLIVE HILL	KO4LI	444.925 +	
OWENSBORO	KE4RNM	443.100 +	
OWENSBORO	KE4RNM	443.650 +	203.5
PHELPS	N4MVY	444.575 +	
PIKEVILLE	KD4DAR	444.375 +	
PIKEVILLE	AD4BI	444.475 +	
ROBINSON CREEK	KC4VYX	444.675 +	
ROCKPORT	KD4BOH	442.675 +	
ROCKPORT	KD4BOH	444.075 +	T77.0
SALEM	KC4VXR	444.825 +	T100.0
SALVISA	KF4AWA	444.675 +	T203.5
SALVISA	KC4UPE	444.875 +	T167.9
SALYERSVILLE	KE4NLL	444.050 +	T127.3
SHELBYVILLE	KE4YRE	442.375 +	
#SHEPHERDSVILLE	KD4YGK	444.400 +	UNCOR
SIMPSONVILLE	KO4OT	444.450 +	T100.0
SPRINGFIELD	WA4SJH	444.600 +	
STANTON	N4VOS	442.075 +	
VERSAILLES	KF4INN	443.775 +	
WADDY	KS4TO	443.225 +	
WALTON	K4CO	444.350 +	

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270 -	T
ELLISVILLE	N5EKR	53.010 -	T
LAUREL	KC5PIA	53.450 -	
MENDENHALL	K5HYE	53.050 -	PROP
NETTLETON	AB5MU	53.050 -	PROP

2 METERS

ABERDEEN	WB5USN	147.270 +	
ACKERMAN	NO5N	147.120 +	
AMORY	KB5DWX	146.940 -	T192.8
AMORY	KB5DSN	147.090 +	
BAY ST. LOUIS	WB4FUR	146.700 -	
BILOXI	KC5IF	146.730 -	
BILOXI	K5TYP	146.790 -	
BOONEVILLE	K5YD	145.190 -	
BOONEVILLE	KI5WI	147.150 +	
BUDE	K5JMD	146.850 -	T103.5
BYHALIA	N4DRL	145.330 -	
BYHALIA	N4DRL	147.225 +	
CHATAWA	WB5GOJ	145.310 -	
COLLINS	N5LRQ	146.985 -	T136.5
COLUMBUS	KC5ULN	146.625 -	
COLUMBUS	KC5ULN	147.000 +	
CORINTH	WB5VOJ	146.925 -	T107.2
CORINTH	K5UFH	147.000 -	
CORINTH	KB5TGA	147.285 +	
D'IBERVILLE	KC5IF	145.410 -	
ELLISVILLE	N5EKR	146.955 -	T
ELLISVILLE	N5DWU	146.865 +	T136.5
ELLISVILLE	N5DWU	146.895 +	T136.5
FOREST	KC5QHP	147.390 +	T100.0
#FRENCH CAMP	W5BJT	147.225 +	UNCOR
FULTON	WX5P	145.450 -	PROP
GLOSTER	KA5BEE	145.430 -	T136.5
GREENVILLE	KG5SF	147.345 +	
GRENADA	W5LV	146.700 -	
GULFPORT	KA5VFU	147.375 +	
HATTIESBURG	W5CJR	145.190 -	T136.5
HATTIESBURG	K5IJX	145.370 -	136.5
HATTIESBURG	W5CJR	146.775 -	T136.5
HATTIESBURG	W5CJR	147.360 +	
HERNANDO	K5VV	146.910 -	
ISOLA	KC5OB	146.955 -	
JACKSON	W5AXQ	146.760 -	
JACKSON	K5QNE	146.880 -	T100.0
JACKSON	KA5SBK	146.940 -	100.0
JACKSON	W5IQ	147.000 +	T
JACKSON	NC5Y	147.075 +	T
LAUREL	KC5QZW	146.610 -	
LAUREL	WV5D	147.030 -	T
LAUREL	KC5RC	147.255 +	
MADISON	K5XU	146.640 -	
MAGEE	K5HYE	146.820 -	100.0
MAGEE	KA5LNY	147.300 +	
MCCOMB	K5JMD	146.940 -	T
MCLAIN	KC5QYG	145.230 -	PROP
MENDENHALL	K5HYE	145.110 -	T100.0
MENDENHALL	KB5IKR	145.210 -	T100.0
MERIDIAN	KC5ZZH	146.655 -	
MERIDIAN	W5FQ	146.700 -	
MERIDIAN	KI5FW	146.970 -	100.0
MONTICELLO	N5JHK	147.015 +	
MOOREVILLE	WB5NAY	146.640 -	
NATCHEZ	W5KHB	146.685 -	
NATCHEZ	K5OCM	146.910 -	
NATCHEZ	K5SVC	147.360 +	
#NEW ALBANY	KC5VZI	145.230 -	UNCOR
NEW ALBANY	K5DGL	146.670 -	
NEW HEBRON	N5MRS	147.090 +	T
OCEAN SPRINGS	W5LDD	147.030 +	
OKOLONA	KC5NIX	145.110 -	
OLIVE BRANCH	KA5WMH	145.350 -	
OXFORD	KF4SCT	145.470 -	T107.2
PASCAGOULA	W5WA	145.110 -	T123.0
PASCAGOULA	N5PH	146.970 -	T
PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5
PETAL	N5DWU	145.170 -	T136.5
PHILADELPHIA	N5EPP	147.330 +	
PICAYUNE	K5LFP	145.150 -	
PICAYUNE	K5LFP	147.180 +	
POLKVILLE	KB5LCL	147.045 +	T141.3
PORT GIBSON	KE5WO	146.625 -	
PURVIS	KB5ZCX	146.670 -	
RICHTON	N5OCF	147.060 +	T
SENATOBIA	KB5DMT	146.985 -	T
SHARON	N5ZQC	145.450 -	T100.0
SOUTHAVEN	N5PYQ	145.370 -	T107.2
STARKVILLE	KD5GVU	146.730 -	210.7
STARKVILLE	KF5C	146.805 -	192.8
#SUMNER	WB5FXH	147.090 +	UNCOR
SUMRALL	KA5FYW	147.195 +	
TUPELO	N5VGK	145.490 -	
TUPELO	N5ELS	147.240 +	
UNION	N5SPJ	147.210 +	T100.0
UTICA	N5ZMZ	145.350 -	
UTICA	N5ZMZ	147.345 +	
VICKSBURG	WJ5L	145.290 -	
VICKSBURG	K5ZRO	147.270 +	T100.0
VOSSBURG	KB5UIX	147.135 +	136.5
WALLS	N5NBG	145.270 -	T162.2
WATER VALLEY	N5DXM	147.000 -	
WAYNESBORO	KB5SAR	147.105 +	
WAYNESBORO	N5DWU	147.315 +	
WEST POINT	KC5LIO	147.180 +	
WIGGINS	KB5DZJ	145.270 -	T136.5
WINONA	N5EYM	146.970 -	

220 MHZ

BYHALIA	N4DRL	224.500 -	
VICKSBURG	WB5OWY	224.780 -	
WARSAW	N4DRL	224.880 -	
WAYNESBORO	KB5SAR	224.140 -	

440 MHZ

ABERDEEN	KD5AHI	444.450 +	
AMORY	KB5DSN	444.825 +	
BILOXI	W5OXA	443.925 +	
BYHALIA	N4DRL	444.300 +	
CLERMONT HARBR	WD5BJT	444.150 +	
CLINTON	KG5YV	444.000 +	T100.0
ELLISVILLE	N5DWU	442.200 +	T167.9
ELLISVILLE	N5DWU	442.250 +	T167.9
GAUTIER	KA5NOJ	426.250 +	
GAUTIER	KA5NOJ	911.250 -	
GLOSTER	N5ZNS	443.825 +	
GREENVILLE	N5PS	444.675 +	

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MISSISSIPPI REPEATERS CONTINUE

HATTIESBURG	W5CJR	443.700 +	T136.5
HAZLEHURST	N5ZDF	443.950 +	T100.0
HEIDELBERG	KC5RC	444.300 +	T100.0
HICKORY FLAT	W4ZCD	444.725 +	T179.9
INDIANOLA	AB5DU	444.850 +	136.5
JACKSON	KB5LCL	444.450 +	T141.3
JACKSON	KB5CO	444.600 +	T100.0
JACKSON	NC5Y	444.700 +	
JACKSON	KB5CO	444.800 +	
LAUREL	AJ0X	443.500 +	
MCCOMB	N5HTQ	444.875 +	T100.0
MENDENHALL	K5HYE	443.600 +	
MERIDIAN	KB5BRZ	444.100 +	131.8
MERIDIAN	KI5FW	444.500 +	
NATCHEZ	N5IAT	443.800 +	
NETTLETON	AB5MU	444.625 +	PROP
NEW ALBANY	WB5YCR	444.150 +	
NEW HEBRON	N5NNI	444.525 +	T
PEARL	KB5HAV	444.375 +	T88.5
PETAL	W5PAW	443.350 +	T
PHILADELPHIA	WB5YGI	444.950 +	
PICAYUNE	KE5LT	443.725 +	T179.9
PINOLA	KC5LXF	444.850 +	
PORT GIBSON	KC5CLM	444.575 +	T141.3
RICHTON	N5OCF	444.625 +	
SOUTHAVEN	N5PYQ	444.925 +	T107.2
STARKVILLE	W5VZF	444.750 +	
STENNIS SPC CEN	WB4FUR	444.650 +	
TUPELO	N5VGK	444.950 +	T192.8
VICKSBURG	WB5TTE	444.925 +	
VOSSBURG	N5LRQ	442.725 +	T167.9
WALLS	N5NBG	444.650 +	
WAYNESBORO	KB5SAR	443.550 +	
WEST POINT	N5WXD	443.450 +	
WIGGINS	KB5DZJ	443.300 +	167.9

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660 -	PROP
ROCKY MOUNT	N4JEH	29.660 -	
THOMASVILLE	WW4DC	29.680 -	88.5
WILKESBORO	KC4XE	29.620 -	
ZEBULON	WB4IUY	29.620 -	

6 METERS

BARIUM SPRINGS	WA4WRS	53.670 -	PROP
CHAPEL HILL	W4UNC	53.450 -	T
CLINTON	N4ZHC	53.330 -	
EFLAND	WA1YYN	53.410 -	T107.2
FAYETTEVILLE	W4EBM	53.810 -	
GASTONIA/CRWDR	N4XTF	53.110 -	
#GRANDFATHER MT	WA4PXV	53.050 -	UNCOR
HENDERSONVILLE	WA4FOT	53.130 -	T131.8
KVILLE/HIPOINT	KE4QOX	53.590 -	PROP
LUMBERTON	KD4BGD	53.110 -	
MARS HILL	WB4PLA	53.090 -	
MT MITCHELL	K4JWJ	53.630 -	T100.0
MT.AIRY/FANCY GP	KD4FWS	53.070 -	T100.0
MT.AIRY/FANCY GP	KD4FWS	53.970 -	PROP
NEWPORT	K4GRW	53.010 -	PROP
PITTSBORO	KD4JFN	53.230 -	T107.2
RALEIGH	K4ITL	53.030 -	
RALEIGH	WA4PEN	53.250 -	
#RANLO	KC4YOZ	53.390 -	UNCOR
REELSBORO	KF4IXW	53.090 -	T162.2
ROCKY MOUNT	N4JEH	53.050 -	
ROCKY MOUNT	KC4SBJ	53.650 -	PROP
SOPHIA/RANDLMN	WR4BEG	53.350 -	
THOMASVILLE	KE4QOX	53.010 -	T88.5
THOMASVILLE	WW4DC	53.170 -	88.5
THOMASVILLE	WW4DC	52.525 +	T88.5
#WEST JEFFERSON	WA4PXV	53.750 -	UNCOR
WILMINGTON	AD4DN	53.430 -	T88.5
YOUNGSVILLE	KD4MYE	53.370 -	T
ZEBULON	WB4IUY	53.070 -	88.5

2 METERS

AHOSKIE	WA4ZGQ	146.910 -	T131.8
ALBEMARLE	K4OGB	146.985 -	
ANDRWS/ROBNSVL	K4AIH	147.045 -	T151.4
ANDSN MT/DENVER	K4CCR	145.170 -	88.5
AQUADALE	WA4CHZ	147.390 +	
ASHEBORO	KJ4AV	147.255 +	
#ASHEVILLE	WB4PLA	146.835 -	UNCOR
ASHVL/MT PISGAH	WA4BVW	146.760 -	
ASHVL/SPIVEY MT	W4MOE	146.910 -	91.5
BAKERSVILLE	KC4WPM	145.310 -	
BANNER ELK/SUGARN	4WET	146.625 -	
BEULAVILLE	N4VBH	145.230 -	
BOONE/RICH MTN	WA4J	147.360 +	T103.5
BREVARD	K4HXZ	147.135 +	
BROADWAY	K4ITL	147.105 +	
BURGAW	W4DLH	146.940 -	
BURLINGTON	KA4FHB	146.670 -	
BURNSVILLE	KD4WAR	146.955 -	
BURNSVILLE	KD4WAR	147.375 +	
BUTNER	WA4IZG	146.940 -	T156.7
BUXTON	K4USB	146.625 -	131.8
CANTON	W4DJB	146.805 +	
CARTHAGE	W2SE	147.240 +	
CHAPEL HILL	W4UNC	145.230 -	T131.8
CHARLOTTE	W4BFB	145.230 -	
CHARLOTTE	W4BFB	145.290 -	
CHARLOTTE	WA4AOS	145.350 -	
CHARLOTTE	W4BFB	146.940 -	
CHARLOTTE	W4CQ	147.060 -	
CHARLOTTE	W4CQ	147.270 +	
CLAYTON	KO4XC	145.290 -	T
CLAYTON	WB4IUY	147.390 +	T88.5
CLINTON	K4OAR	146.790 -	
COINJOCK	WN3X	145.290 -	PROP
COLUMBIA	KB4TOH	145.110 -	T131.8
CONCORD/KANNAP.	K4CEB	146.655 -	
#COOL SPRINGS	KC4DBZ	147.045 +	UNCOR
CROSSNORE	KD4GLB	146.700 -	167.9
DUNN	N4CID	146.700 -	
DURHAM	WR4AGC	145.450 -	
DURHAM	WD4LDB	147.360 +	
EDEN/STONEVILLE	WA4QBG	147.390 +	
EFLAND	WA1YYN	147.180 +	T156.7
ELIZABETH CITY	WA4VTX	146.655 -	
ELM CITY	K2IMO	145.150 -	T88.5
FARMVILLE	K4ROK	145.270 -	T131.8
FAYETTEVILLE	N4EWG	146.805 -	
FAYVLLE/CFARS	WB4YZF	146.910 -	100
FAYVLLE/FT BRAGG	W4LPL	147.330 +	
FOREST CITY	WA4BKU	146.670 -	
FOREST CITY	W4SIJ	147.240 +	T123.0
FRANKLIN	NT4K	145.490 -	
GASTONIA/CRWDR	K4GNC	146.805 -	
GIBSONVILLE	WB4IKY	145.490 -	T107.2
GOLDSBORO	KK4YP	145.330 -	T100.0
GOLDSBORO	K4CYP	146.850 -	T
GRAHAM	K4GWH	147.375 +	T114.8
GREENSBORO	W4GSO	145.150 -	
GREENSBORO	K4GWH	146.760 -	T88.5
GREENSBORO	W4GG	147.030 +	T131.8
GREENSBORO	W4BUZ	147.210 +	
GREENSBORO/LVLX	NC4FR	145.250 -	T88.5
GREENVILLE	WD4JPQ	145.350 -	T131.8
#GREENVILLE	KC4UMO	147.375 +	UNCOR
GREENVL/ESTN NC	W4GDF	147.090 +	
GRIFTON	W4NBR	146.685 -	88.5
HATTERAS ISLAND	KE4ZTD	145.150 -	T131.8
HAW RIVER	KD4JFN	146.715 -	T107.2
HENDERSONVILLE	WB4YAO	146.640 -	
HENDERSONVILLE	WA4KNI	147.105 +	
HENDSVL/BERWLW	WA4KNI	145.270 -	
HENDSVL/PENIC/MT	WA4KNI	147.255 +	
HICKORY/BRT. MT	WA4DSZ	146.850 -	
HIGH PEAK MTN	K4OLC	145.210 -	94.8
#HIGH POINT	KB4BPV	145.290 -	UNCOR
HIGH POINT	N4XO	145.410 -	
HIGH POINT	N4NNR	146.835 +	
HIGH POINT	W4UA	147.165 +	
HILLSBOROUGH	WR4AGC	147.225 +	
JACKSONVILLE	KA4SQN	145.190 -	
JACKSONVILLE	WD4FVO	147.000 -	
JEFFERSON	KK4X	147.300 +	T103.5
KINSTON	W4OIX	145.470 -	
LAURINBURG	KI4RR	146.625 -	
#LENOIR	N4NIN	147.195 +	UNCOR
LENOIR/HIBRITN	KN4K	147.330 +	T141.3
LEXINGTON	WD4IIP	145.310 -	T88.5
LEXINGTON	K4IZM	146.910 -	
LINCOLNTON	KF4OGO	147.015 +	
#LUMBERTON	W4NHV	145.150 -	UNCOR
LUMBERTON	W4NHV	147.045 +	
LUMBERTON	KD4PBK	147.165 +	T88.5
LUMBERTON	W4PET	147.360 +	
MACO	WA4LED	147.060 +	88.5
MADISON	WA4IXW	147.345 +	T103.5
MANTEO/WNCHES	W4ACY	146.940 -	
MARION	WD4PVE	146.985 -	118.8
MIDWAY	KM4AR	145.270 -	T77.0
MILLERS CREEK	N4GGN	146.715 -	
MONROE/UCARS	N4ZVN	145.390 -	
MORGANTON	KC4QPR	146.745 -	PROP
MORGANTON	K4VLY	147.150 +	
MOUNT AIRY	N4VRD	145.330 -	T100.0
MOUNT AIRY	AD4T	146.940 -	T100.0
MOUNT AIRY	N4XRY	146.970 -	
MT MITCHELL	WA4BVW	145.190 -	
MURPHY/STALCUP	KB4YSX	146.865 +	T151.4
N. WILKESBORO	N4AGN	145.370 -	
NAGS HEAD/BODIE	W4PCN	146.835 -	
NEW BERN	WD4JMS	146.610 -	T100.0
NEWPORT	K4GRW	145.450 -	
NEWTON	K4CCR	147.075 +	T88.5
OXFORD	N4NCK	145.170 -	
OXFORD	N4NCK	145.370 -	
PITTSBORO	KD4JFN	147.075 +	T107.2
RAEFORD	KU4W	145.430 -	118.8
RALEIGH	W4RNC	145.130 -	T88.5
RALEIGH	K4GWH	145.190 -	T156.7
RALEIGH	W4BWC	145.490 -	T88.5
RALEIGH	WB4TOP	146.610 -	T131.8
RALEIGH	W4DW	146.640 -	T88.5
RALEIGH	W4BWC	146.730 -	T88.5
RALEIGH	NC4SU	146.775 -	T88.5
RALEIGH	WB4TQD	146.880 -	
RALEIGH	KD4MYE	147.015 +	
RALEIGH	WB4TQD	147.150 +	
RALEIGH	KO4CW	147.195 +	T88.5
RALEIGH BENSON	AK4H	147.270 +	T100.0
RED SPRINGS	W4MZP	147.300 +	
REIDSVILLE	KE4YVP	146.850 -	T103.5
ROANOKE RAPIDS	K4ITL	145.390 -	PROP
ROANOKE RAPIDS	KB4DJT	147.030 +	
ROARING GAP	WB4PZA	146.820 -	
ROBBINSVILLE	KR4RR	145.110 -	T151.4
ROCKINGHAM	K4RNC	146.955 -	
ROCKY MOUNT	W4DCG	146.805 -	T118.8
ROCKY MOUNT	WN4Z	147.120 +	131.8
ROSEBORO	K4ITL	145.310 -	
SALISBURY	W4EXU	146.730 -	T94.8
SAURATOWN MT	W4NC	145.470 -	T100
SAURATOWN MT	KK4AT	146.790 -	T107.2
SAURATOWN MT	K4MPJ	147.315 +	T100.0
SHALLOTTE	K4PPD	145.370 -	
SHALLOTTE	K4PPD	147.315 +	
SHALLOTTE	K4PPD	147.390 +	
SHELBY	W4NYR	146.880 -	
SHELBY	W4NYR	147.345 +	
SMITHFIELD	K4WGG	146.970 -	
SOUTHPORT	K4JYH	146.775 -	
SPARTA/GREEN MT	K4QFQ	145.430 -	
STATESVILLE	KE4WSX	146.685 -	
SWANSBORO	KO4S	146.760 -	
SYLVA	KF4DTL	147.345 +	T151.4
THOMASVILLE	WW4DC	147.000 +	T88.5
TRENTON	WB4TQD	145.210 -	
TRYON	KF4JVI	145.330 -	
WADESBORO	W4USH	146.835 -	
WASHINGTON	WA4TEP	147.345 +	
WAXHAW	WA4ZRS	146.865 +	T94.8
WAYNESVILLE	N4SM	147.270 +	
WAYNESVILLE	KE4JMH	147.390 +	
WHITEVILLE	W4NTQ	147.210 +	
WILLIAMSTON	K4SER	145.410 -	T131.8
WILMINGTON	AD4DN	146.670 -	T88.5
WILMINGTON	W4VNK	146.730 -	
WILMINGTON	K4GMP	146.820 -	T88.5
WILMINGTON	WA4US	147.135 +	T67.0
WILMINGTON	AC4RC	147.180 +	T88.5
WILSON	WB4THL	146.760 -	
WILSON	WA4UQC	147.300 +	T88.5
WINSTON-SALEM	W4NC	146.640 -	T100
YADKINVILLE	N4YSB	147.015 -	
YOUNGSVILLE	KD4MYE	145.110 -	88.5

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880 -	T
ASHEVILLE	WB4PLA	224.600 -	
ASHVL/MT PISGAH	WA4BVW	224.260 -	
BARIUM SPRINGS	WA4WRS	224.300 -	
BIG KNB/MARS HIL	KE4RQL	224.660 -	
BURNSVILLE	KD4WAR	224.740 -	PROP
CANTON	N4DWU	224.820 -	
CHARLOTTE	W4BFB	224.400 -	
CHERRYVILLE	KC4ZTJ	224.960 -	
CLEMMONS	WB9SZL	224.700 -	T100.0
DUNCAN	KM4TC	224.700 -	T88.5
EDEN	WA4WGY	224.780 -	T103.5
EFLAND	WA1YYN	224.660 -	T107.2
FAYETTEVILLE	WB4YZF	224.560 -	
GASTONIA	KC4IRA	224.620 -	T127.3
GOLDSBORO	W3CH	224.960 -	T156.7
GREENSBORO	WB4GUG	224.440 -	T107.2
GREENSBORO	N4QVI	224.960 -	
GRIFTON	WA4DAN	224.840 -	
#GRIMESLAND	WB4PAC	224.360 -	UNCOR
HAW RIVER	KD4JFN	224.620 -	T107.2
HENDSVL/BERWLW	WA4KNI	224.240 -	
HIGH POINT	KC4KUL	224.600 -	
HILLSBOROUGH	WR4AGC	224.260 -	
JACKSONVILLE	KA4SQN	224.320 -	
KVILLE/HIPOINT	KE4QOX	224.240 -	PROP
KVILLE/HIPOINT	KD4LHP	224.820 -	T107.2
LENOIR/HIBRITN	KN4K	224.160 -	
LEXINGTON	KR4HJ	224.520 -	PROP
LOCUST	W4DEX	224.480 -	
MARSHALL	KA4TYO	224.360 -	T
MT MITCHELL	WA4BVW	224.540 -	
OXFORD	N4NCK	224.740 -	
PLYMOUTH	KB7BTU	224.780 -	PROP
RALEIGH	WA4PEN	224.640 -	
ROCKY MOUNT	NF4C	224.220 -	
ROCKY MOUNT	KR4AA	224.580 -	
SALISBURY	W4EXU	224.760 -	
SHELBY	W4NYR	224.060 -	
SHELBY	KC4ZTJ	224.460 -	
SOPHIA/RANDLMN	WR4BEG	224.140 -	T
SUNSET BEACH	N4LV	224.660 -	
THOMASVILLE	WW4DC	224.340 -	T88.5
TRENTON	WA4DAN	224.720 -	
WILMINGTON	WA4US	224.200 -	T
WILMINGTON	K4YNY	224.500 -	T88.5
#WINSTON-SALEM	WA4RQF	224.580 -	UNCOR
WINSTON-SALEM	WA4RQF	224.640 -	
ZEBULON	KD4WJD	224.800 -	T88.5

440 MHZ

ANDRSN MT/DENVR	K4CCR	444.075 +	
ANDRWS/ROBINSVL	WD4NWV	442.600 +	T151.4
ANDRWS/ROBINSVL	K4AIH	443.650 +	T
ARCHDALE	KC4SVQ	443.300 +	
ASHEBORO	WD4ICX	442.325 +	
ASHEBORO	KD4JYV	444.300 +	PROP
ASHEBORO	KQ4ML	444.975 +	
ASHEVILLE	N4DWT	444.900 +	
AUBURN	N4ZCM	442.275 +	
BAKERSVILLE	KM4GR	442.750 +	
BREVARD	KA7JXU	442.850 +	

SYMBOLS: Ⓒ = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

N. CAROLINA REPEATERS CONTINUE

BURNSVILLE . . . KD4WAR 443.650 +
CANTON . . . . KE4UIU 443.475 + T156.7
CARY . . . . . K4ZAD 441.900 + PROP
CARY . . . . . K4JDR 444.775 + T100.0
CASTLE HAYNE . . KE4JSZ 442.075 + T88.5
CHAPEL HILL . . . W4UNC 442.150 + T
CHAPEL HILL . . . W4UNC 443.475 + T131.8
CHARLOTTE . . . W4PPN 421.250 +
CHARLOTTE . . . W4CQ 444.450 +
CHARLOTTE . . . W4BFB 444.600 + T100.0
CHARLOTTE . . . W4WBT 444.675 +
CHARLOTTE . . . W4CQ 444.850 +
CLAREMONT . . . WB4SRV 443.775 + T118.8
CLINTON . . . . . N4ZHC 441.700 + T131.8
COLFAX . . . . . KS4SB 442.200 + PROP
COLUMBIA . . . . KB4TOH 443.300 +
CRAB CREEK TWP . KB4PQA 443.125 +
DALLAS/CHARLOTTE WA1WXL 444.950 + T136.5
DALLAS/CLT . . . . KC4YOZ 443.850 + T100.0
DURHAM . . . . . WR4AGC 444.100 +
DURHAM . . . . . KB4WGA 444.925 + PROP
DURHAM TV HILL . . KJ4SO 421.250 +
EFLAND . . . . . WA1YYN 442.050 + T107.2
ELIZABETH CITY . . WA4VTX 444.300 + T131.8
FAYETTEVILLE . . . WB4YZF 444.400 + 100HZ
FOREST CITY . . . KC4YOQ 444.400 +
FRANKLIN . . . . . KE4JMH 444.375 + T131.8
G'BORO/H'POINT . . WD4POZ 443.500 + T77.0
GASTONIA/CRWDR KC4ZTI 443.750 +
GASTONIA/CRWDR KE4GTM 444.150 +
GASTONIA/CRWDR KC4YOT 444.750 +
GIBSONVILLE . . . WB4IKY 443.025 + T107.2
GIBSONVILLE . . . WB4IKY 444.350 + T107.2
GOLDSBORO . . . . W3CH 443.050 + T156.7
GRAHAM . . . . . K4GWH 443.725 + T156.7
GRAINGERS . . . . WD6GMQ 443.250 +
#GRANDFATHER MT WA4PXV 443.575 + UNCOR
GRANTSBORO . . . KR4LO 444.350 +
GREENSBORO . . . KO4AT 421.250 +
GREENSBORO . . . WG4R 442.725 +
GREENSBORO . . . W4GSO 442.875 + PROP
GREENSBORO . . . KD4DNY 443.650 +
GREENSBORO . . . K4GWH 444.225 + T146.2
GREENSBORO . . . KD4DNY 444.475 + 107.2
GREENVILLE . . . WB4PMQ 444.800 + T131.8
#HAMLET . . . . . W4DEX 443.200 + UNCOR
HATTERAS ISLAND . KE4ZTD 444.925 + T131.8
HAW RIVER . . . . KD4JFN 443.775 + T107.2
HENDERSON . . . . KB4WGA 444.375 + PROP
HENDERSONVILLE . WA4TOG 442.450 +
HENDSVL/BERWLW WA4KNI 444.250 +
HICKORY . . . . . K4JEQ 444.000 +
HIGH POINT . . . . W4UA 443.900 +
HIGH POINT . . . . KD4JFN 444.025 + T107.2
HILLSBOROUGH . . WR4AGC 444.450 + PROP
#JACKSONVILLE . . KE4JDP 444.675 + UNCOR
#KING/SAURATOWN KE4QEA 444.200 + UNCOR
KINSTON . . . . . N4HAJ 444.575 + T88.5
KVILLE/H POINT . . KE4QOX 443.700 + T103.5
KVILLE/HIPOINT . . KF4IXK 443.325 + PROP
LAKE GASTON . . . KF5TU 442.350 + T100.
LEICESTER/AVL . . KF4TLA 443.275 + 103.5
LENOIR/CAJAH MTN N4EUX 443.525 +
LEXINGTON . . . . N4TZD 442.425 + T
LEXINGTON . . . . K4AE 442.925 + T
LEXINGTON . . . . WD4ICX 444.500 +
LILLINGTON . . . . W4FBC 444.175 + PROP
LINCOLNTON . . . WA4YGD 442.350 +
LOCUST . . . . . WA4LBT 443.700 +
LUMBERTON . . . . WB4DVN 444.625 +
LUMBERTON . . . . KD4BGD 444.700 + T114.8
MAYODAN . . . . . WA4WGY 443.975 +
MCLEANSVILLE . . . WB4GUG 444.125 + T
MIDDLESEX . . . . NE4J 444.650 + T179.9
MONROE . . . . . N4ZVN 444.425 + T94.8
MORG. WALKR TOP. KC4QPR 442.300 +
MORGANTON . . . KC4QZL 443.800 + T
MOUNT AIRY . . . . N4XRY 444.925 +
MT AIRY/FSH PK . . KF4UY 444.825 + T100.0
MT MITCHELL . . . N4DWU 443.600 +
NEW BERN . . . . WD4JMS 444.900 + T100.0
#NEWPORT CCARS W4YMI 444.975 + UNCOR
NEWTON . . . . . KE4KIV 442.625 +
OLD FORT . . . . . KR4EX 444.775 +
OXFORD . . . . . KC4WXA 444.600 +
PIKEVILLE . . . . . KK4YP 443.000 + PROP
PINEY KNOB . . . . KC4KPW 443.875 + T103.5
PITTSBORO . . . . K1BUD 442.550 + T
PITTSBORO . . . . KD4JFN 444.750 + T146.2
POLKVILLE . . . . KC4ZTJ 444.975 +
RALEIGH . . . . . N4LMR 442.450 +
RALEIGH . . . . . KD4RAA 442.675 + 100.0
RALEIGH . . . . . WA4NNA 443.125 +
RALEIGH . . . . . N4ZCM 443.225 + T
RALEIGH . . . . . W1IFL 443.375 + T
RALEIGH . . . . . WA4PEN 444.525 + T88.5
RALEIGH . . . . . K4GWH 444.825 + T146.2
RALEIGH . . . . . KD4RAA 444.875 + T162.2
RALEIGH . . . . . W4DW 444.950 +
RALEIGH . . . . . K4YEC 444.800 + T107.2
RES. TRIANGLE PK . WA1YYN 443.425 + T156.7
RESEARCH TRI PK . KD4IHW 444.675 +
ROANOKE RAPIDS . KK4VM 444.550 + T192.8
ROARING GAP . . . KC4XE 443.550 +
ROCKY MOUNT . . . N4JEH 444.700 +
ROUGEMT/RED MT . WA4WTX 443.275 + 100.0
RTP . . . . . W4EUS 443.625 +
SALISBURY . . . . W4HG 443.150 +
#SALISBURY . . . . N4MME 444.650 + UNCOR
SANFORD . . . . . W4RNR 442.375 +
SAURATOWN MT . . WW4DC 443.100 + T88.5
SAURATOWN MT . . WB4GUG 443.400 + T107.2
SELMA . . . . . KK4YP 444.000 +
SEVEN SPRINGS . . K4JDR 444.150 + T100.0
#SHELBY . . . . . W4NYR 427.250 + UNCOR
SOPHIA/RANDLEMN WR4BEG 443.075 +
SOUTHERN PINES . KD4QMS 444.800 + T118.8
SPINDALE . . . . KC4IEV 443.300 + T123.0
SPIVEY'S CORNER . KD4DMS 442.875 +
STATESVILLE . . . N4VOZ 443.450 +
STATESVILLE . . . AE4GA 444.700 + PROP
TARBORO . . . . . N4JEH 444.500 + T100.0
TAYLORSVILLE . . KF4CYI 442.950 + T173.8
TAYLORSVL/BARR M K4OLC 444.050 + PROP
THOMASVILLE . . WW4DC 442.900 + T88.5
UWHARRIE . . . . KD4JYV 442.075 + PROP
WAXHAW . . . . . WA4ZRS 444.525 + PROP
WAYNESVILLE . . . KE4JMH 444.450 +
WEST JEFFERSON WA4PXV 442.375 +
WILKESBORO . . . KE4DGP 442.475 + T107.2
WILLIAMSTON . . . K4SER 444.250 + T131.8
WILMINGTON . . . WA4US 442.175 +
WILMINGTON . . . WA4US 442.200 + T
WILMINGTON . . . K4YNY 442.500 + T88.5
WILMINGTON . . . AD4DN 443.400 + T88.5
WILMINGTON . . . WA4US 443.850 +
WILMINGTON . . . WA4US 443.950 +
WILMINGTON . . . WA4US 444.200 +
WILMINGTON . . . WA4US 444.450 +
WILMINGTON . . . WA4US 444.650 +
WILMINGTON . . . K4GMP 444.850 + T88.5
WILSON . . . . . NE4J 444.900 + T179.9
WINSTON-SALEM . W4NC 444.275 + PROP
WINSTON-SALEM . KD4MMP 444.725 + T107.2
#WINSTON-SALEM . WA4RQF 444.775 + UNCOR
YADKINVILLE . . . N4AAD 442.800 + T100.0
YOUNGSVILLE . . . KD2LH 443.200 + T88.5
ZEBULON . . . . WB4IUY 442.300 + 88.5
ZEBULON . . . . KD4WJD 442.400 +

920 MHZ

RALEIGH . . . . . W4FAL 920.800 - PROP

1270 MHZ

#CHARLOTTE . . W4PPN 1253.250+ UNCOR
GASTONIA/CRWDR KE4GTM 1292.820-
GREENSBORO . . KB4SXY 1291.400-
ZEBULON . . . . WB4IUY 427.250 +

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE W4APE 29.600 -

10 METERS

SUMTER . . . . KQ7E 29.660 -

6 METERS

BLYTHEWOOD . . N0WFL 53.010 - PROP
CHESTER . . . . KF4SXO 53.290 - PROP
GILBERT . . . . . KC4GYM 53.270 - T162.2
GVL/CSR'S HEAD . . KO4MZ 53.410 - T131.8
LITTLE MOUNTAIN . KN4AS 53.190 - PROP
MOUNTAIN REST . KF4IWA 53.590 -
SUMTER . . . . W4GL 53.770 - PROP

2 METERS

ADAMS RUN (CHAS) N7GZT 147.345 +
AIKEN . . . . . N4ADM 147.285 +
ANDERSON . . . . N4AW 146.970 -
ANDERSON/SAS MT N4AW 146.790 -
AWENDAW . . . . K4LWS 147.300 + T103.5
BAMBERG . . . . WA4DFP 145.330 -
BARNWELL . . . KF4CVO 147.030 + T156.7
BEAUFORT . . . KD4KQJ 145.310 -
BEAUFORT . . . KD4KQJ 146.655 +
BISHOPVILLE . . . W4APE 146.925 -
BLYTHWOOD . . . N0WFL 147.000 -
CHARLESTON . . . WA4USN 145.250 - 123.0
CHARLESTON . . . WA4USN 146.790 -
CHARLESTON . . . KT4YW 146.835 -
CHARLESTON AREA W4ANK 147.270 +
CHERAW . . . . . W4APE 145.490 -
CHESTER . . . . . KT4DG 145.310 -
CHESTER . . . . . KF4SXO 146.625 -
CHESTERFIELD . . . KF4GPE 147.135 +
CLEMSON UNIVERSI WD4EOG 145.450 - T
COLUMBIA . . . . N0YVN 145.190 - PROP
COLUMBIA . . . . KC4GYM 145.270 - T127.3
COLUMBIA . . . . KF4GHC 147.330 + T156.7
DILLON/PEE DEE . . NN4N 146.745 -
EASTOVER . . . . KT4BU 147.075 + T156.7
ELLOREE . . . . KC4WIF 146.610 - T118.8
FLORENCE . . . . W4ULH 146.850 -
FLORENCE . . . . W4GEY 146.970 -
FLORENCE . . . . W4APE 147.195 +
FORT JACKSON . . KF4GHC 146.775 - T156.7
FORT MILL . . . . WB4TWX 145.110 -
#FORT MILL . . . . W4DXA 147.180 + UNCOR
GAFFNEY . . . . . KN4RG 145.470 - T141.3
GEORGETOWN . . . KI4CB 147.375 + T179.9
GILBERT . . . . . KF4GHC 145.430 - T156.7
GOOSE CREEK . . . KF4CDR 146.940 - 123.0
GREENVILLE . . . W4IQQ 146.940 - T7
GREENWOOD . . . W4GWD 147.165 + 107.2
#GREENWOOD . . . K4LEO 147.375 + UNCOR
GRNVLE/CSRS HD . W4NYK 146.610 -
GRNVLE/PARIS MT . W4NYK 146.820 -
HILTON HEAD . . . W4ILN 147.240 + T
LANCASTER . . . . W4PAX 146.700 -
LANCASTER . . . . AC4VT 147.240 + T88.5
LAURENS . . . . KD4HLH 146.865 - T107.2
LEESVILLE . . . . W4RRC 147.255 + T123.0
LEXINGTON . . . . NS4SC 145.210 -
LEXINGTON . . . . KA4FEC 147.390 +
LITTLE MT. . . . . K4AVU 147.210 +
MARION . . . . . W4YLT 147.000 -
MONCKS CORNER . WD4NUN 147.150 + T
MT PLEASANT . . . K4ESG 146.760 - T
MYB BCH/BRKSVIL . N4LV 147.285 +
MYR BCH/CONWAY . W4GS 145.110 -
MYR BCH/CONWAY . KI4CB 145.470 - T179.9
MYRTLE BEACH . . W4GS 147.120 +
N. AUGUSTA . . . . K4NAB 146.730 - T
#N. MYRTLE BEACH K4NMB 147.030 + UNCOR
N. SPARTANBURG . . N4UZT 147.315 + T141.3
NO. COLUMBIA . . . KE4GUA 147.105 - PROP
ORANGEBURG . . . N7GZT 145.450 - 91.5
ORANGEBURG . . . KF4ATU 146.805 - T156.7
ORANGEBURG . . . KF4ATU 147.090 + T156.7
PAGELAND . . . . W4APE 146.895 -
PICKENS . . . . . KF4FOF 146.700 -
PICKENS . . . . . WB4YXZ 147.000 -
#ROCK HILL . . . . W4WBT 145.410 - UNCOR
ROCK HILL . . . . K4YTZ 147.030 -
SANTEE . . . . . W4DTW 147.225 +
SENECA/LONG MT . WA4JRJ 147.270 +
SIMPSONVILLE . . . WD4BJY 146.730 -
SPARTANBURG . . . K4JLA 147.090 +
ST. MATTHEWS . . . AD4U 146.670 - T156.7
SUMMERVILLE . . . WA4HNK 147.180 + 123.0
SUMTER . . . . . K4JR 145.130 -
SUMTER. . . . . W4GL 146.640 -
SUMTER. . . . . W4GL 147.015 +
SURFSIDE BEACH . W4GS 145.290 - 91.5
UNION . . . . . K4USC 145.250 -
UNION . . . . . K4USC 146.685 -
WHITE HALL . . . . W4BWZ 146.910 -
#WHITE OAK MTN . W4RCW 147.285 + UNCOR

220 MHZ

COLUMBIA . . . . KC4GYM 224.560 - PROP
GREENVILLE . . . W4ILY 224.200 -
GRNVL/DOWNTWN . W4NYK 224.920 - 88.5
LITTLE MTN . . . . K4RWN 224.520 -
PICKENS . . . . . WB4QHF 224.400 - T131.8
PICKENS/CSRS HD . WB4QHF 224.140 - T131.8
PICKENS/SASFR MT W4IT 224.320 -
SUMTER. . . . . W4GL 224.120 -

440 MHZ

AIKEN . . . . . AC4WW 443.400 + T107.2
#BLUFFTON . . . WA4MPZ 442.675 + UNCOR
BLYTHEWOOD . . . N0YNV 444.000 + PROP
CHARLESTON . . . N4MNH 444.300 +
CLEMSON UNIV. . . WD4EOG 444.625 + T156.7
COLUMBIA . . . . KC4GYM 442.075 + T156.7
COLUMBIA . . . . KF4GHC 444.200 + T156.7
COWPENS . . . . . KE4EAN 443.625 + T136.5
EASLEY/SAS MTN . AC4RZ 444.925 + T103.5
FORT MILL . . . . WB4TWX 443.475 +
GREENVILLE . . . KB4PQA 442.250 +
GREENWOOD . . . W4GWD 443.900 + T107.2
GRNVLE/PARIS MT . ND4N 443.350 +
KNIGHTSVILLE . . . WA4USN 441.350 + PROP
LANCASTER . . . . KC4AC 444.100 +
LAURENS . . . . KD4HLH 443.175 + T146.2
LAURENS . . . . KF4Y 443.775 + T141.3
LITTLE MT . . . . NK4W 442.975 + T162.2
MOUNTAIN REST . . AE4PZ 442.775 + T127.3
MT. PLEASANT . . . WA4USN 441.450 + PROP
MYB BCH/BRKSVIL . N4LV 444.525 +
MYR BCH/CONWAY . W4GS 444.675 +
MYRTLE BEACH . . K2PJ 444.575 + 85.4
NO. CHARLESTON . KT4YW 444.600 +
ORANGEBURG . . . WM3O 444.975 +
PICKENS . . . . . KF4FOF 442.125 + PROP
PICKENS/CSRS HD . WB4QHF 442.400 + T127.3
SIMPSONVILLE . . . N4GLB 442.725 +
SUMMERVILLE . . . KE2D 442.300 + T
SUMMERVILLE . . . WA4HNK 443.800 +
SUMTER . . . . . WZ4O 421.250 +
SUMTER. . . . . W4GL 444.150 +

1270 MHZ

BLYTHEWOOD . . N0WFL 1292.000- PROP

TENNESSEE

BEACON

GREENEVILLE . . WB4NKM 222.058 -

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TENNESSEE REPEATERS CONTINUE

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2	©
GREENEVILLE	WB4NKM	29.640 -		
MEMPHIS	W4ZJM	29.620 -	T*#	
SPRINGFIELD	N8ITF	29.680 -	PROP	
UNION CITY	WA4YGM	29.660 -		

6 METERS

CHATTANOOGA	K4VCM	53.350 -		
COOKEVILLE	WA4UCE	53.190 -	PROP	
DRESDEN	KE4OVN	53.710 -	T107.2	
GALLATIN	WA4BGK	53.050 -	T114.8	©
GRAY/HOLSTON MT	WM4T	53.010 -		
KINGSPORT	K4GX	53.430 -	PROP	
#KNOXVILLE	WA4YON	53.250 -	UNCOR	
KNOXVILLE	N4OQJ	53.550 -	PROP	©
KNXVL/ENG MT	WB4IOB	53.150 -		©
LAFOLLETTE	K4BGW	53.170 -	PROP	
MARYVILLE	KC4PDQ	53.370 -	PROP	
MCNAIRY	NU5O	53.350 -	T107.2	©
MEMPHIS	WA4KOG	53.010 -		
MEMPHIS	K4RDK	53.550 -		
MEMPHIS	W4GMM	53.930 -	T107.2	
MORRISTOWN	KF4FTD	53.030 -	PROP	
MORRISTOWN	KQ4E	53.230 -		
NASHVILLE	WA4BGK	53.010 -	T114.8	©
NASHVILLE	N4ARK	52.525 +		©
OAK RIDGE	WD4GYN	53.110 -		©
ROAN MTN	KD4SQB	53.310 -		©
#ROGERSVILLE	K4GX	53.750 -	UNCOR	©
SPRINGFIELD	N8ITF	53.150 -	PROP	
WAVERLY	KC4VHQ	53.090 -		©

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	
ARNOLD A.F.B.	KC4FV	147.195 +		©
ATHENS	WA4PNi	145.310 -	T141.3	©
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	WA4CBX	147.000 +		©
BOLIVAR	WD4OZN	147.045 +		©
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UID	146.670 -		
BRISTOL	WD4CYZ	146.880 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		©
BRSTL/HOLSTN MT	K4JP	146.760 -		
BRUCETON	KF4SCT	145.170 -	T107.2	©
BUCKSNORT	KF4SCT	145.430 -	T107.2	©
CARLISLE	KT4WS	145.250 -		©
CARTHAGE	N4OTT	145.190 -		©
CHATTANOOGA	K4CMY	145.130 -		©
CHATTANOOGA	W4AM	145.290 -	T67.0	
CHATTANOOGA	W4AM	145.390 -		
CHATTANOOGA	W4AM	146.610 -		
CHATTANOOGA	W4AM	146.790 -		
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	
CLEVELAND	W4GZX	146.925 -		©
CLEVELAND	KD4NEC	147.105 +	PROP	
CLEVELAND	WD4DES	147.180 +	T118.8	©
COLLEGEDALE	KA6UHV	147.000 +		©
COLUMBIA	W4GGM	147.120 +		©
COOKEVILLE	NQ4Y	145.110 -		©
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		©
CORNERSVILLE	KF4TNP	146.625 -	PROP	©
CROSS PLAINS	K4UVH	147.345 +		
CROSSVILLE	W4EYJ	146.805 -		
CROSSVILLE	KF4DPU	146.865 -		©
CROSSVILLE	KF4HNV	146.895 -	PROP	
CUMBERLAND CITY	WD4DBJ	145.330 -	T	
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3	©
DANDRIDGE	WD4EGD	146.895 -	T	©
DAYTON	K4PHT	147.345 +		
DAYTON/RHEA CTY	K4DPD	147.390 +		©
DECATUR-PONE KB	W4RJC	145.150 -		
DICKSON	KN4HL	147.375 +		©
DOVER	N4VIH	145.410 -	T	
DRESDEN	KE4OVN	145.350 -	T107.2	©
DYERSBURG	WB4RCK	146.745 -		
ELIZTON/HOLS MT	KF4ZQA	145.290 -		©
ERWIN/PINNACLE	N4WXS	145.250 -	T	
ERWIN/UNICOI	KF4BRS	147.165 +		
EVA	AD4QG	147.090 +		
FAYETTEVILLE	W4BV	147.030 +		©
FRANKLIN	W4XS	145.150 -		
FRUITLAND	KF4SCT	146.775 -	T107.2	©
GALLATIN	N4SSB	145.130 -	T107.2	©
GALLATIN	W4LKZ	147.240 +	T114.8	©
GALLATIN	WA4YQC	147.270 +	T114.8	©
GALLATIN	W4CAT	147.300 +	T114.8	©
GRAY	WM4T	145.110 -	T100.0	
GREENBRIER	WQ4E	147.075 +	T107.2	
GREENEVILLE	W4WC	145.390 -		©
GREENEVILLE	WB4NKM	145.410 -		
GRNVLE/VIKING MT	KB4UG	147.060 +		
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3	
HARRIMAN	KA4QYI	146.640 -	T100.0	©
HARRIMAN	KC4WHL	146.745 -		©
HENDERSON	K4TC	147.105 +	T	©
HENDERSONVILLE	WB4WZK	145.270 -	T	©
HUNTINGDON	KB4YTM	146.835 -		
JACKSON	KD4GCT	145.110 -		
JACKSON	KF4SC	145.310 -		©
JACKSON	WF4Q	147.210 +	T107.2	©
JACKSON	WB0TMC	147.270 +		
JAMESTOWN	K4NLP	147.090 +	T100.0	©
JASPER	KD4XV	145.190 -	T127.3	©
JOHNSON CITY	W4ABR	146.790 -		©
JOHNSON CITY	KE4FH	147.270 +		
JONESBOROUGH	WD4OBW	146.925 -		©
KNGSPT/BAYS MT	W4TRC	146.970 -		©
KNOXVILLE	WB4GBI	145.170 -		©
KNOXVILLE	WA4TEM	145.330 -		©
KNOXVILLE	KB4KIE	145.370 -		©
KNOXVILLE	WB4YLC	145.430 -		©
KNOXVILLE	WB4GBI	145.470 -		©
KNOXVILLE	WB4GBI	146.625 -	T100.0	©
KNOXVILLE	KC4ROG	146.910 -	T	
KNOXVILLE	WB4GBI	146.940 -		©
KNOXVILLE	WB4GBI	147.075 +		©
KNOXVILLE	KD4CWB	147.195 +	PROP	
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0	©
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0	©
KNXVL/ENG MT	WB4IOB	146.730 -		©
LAFAYETTE	KC4ECD	145.310 -	T151.4	©
LAFOLLETTE/WMT	K4BGW	146.670 -		©
LAVERNE	W4CAT	145.230 -		©
LAWRENCEBURG	KM4ME	146.655 -	T	
LEBANON	W4LYR	147.105 +	T100.0	©
#LEWISBURG	WB4VXX	146.805 -	UNCOR	©
LIVINGSTON	N2UP	147.045 +		©
MANCHESTER	W4UOT	146.700 -	T114.8	©
MARTIN	N4ABU	146.625 -		
MARYVILLE/ALCOA	W4OLB	146.655 -		©
MAYNARDVILLE	KB4KIE	145.230 -		©
MCMINNVILLE	WD4MWQ	146.970 -		
MCNAIRY	KF4SCT	147.075 +	T107.2	©
MEDINA	WA4RWK	146.970 -		
MEMPHIS	KF4SCT	145.130 -	T107.2	©
MEMPHIS	K0JXI	145.150 -		
MEMPHIS	W2GLJ	145.210 -		©
MEMPHIS	K5FE	145.410 -	T107.2	©
MEMPHIS	WA4KOG	145.450 -		
MEMPHIS	WB4KQQ	146.640 -		
MEMPHIS	W4KIB	146.790 -	T107.2	©
MEMPHIS	W4BS	146.820 -	T	
MEMPHIS	WA4KOG	146.850 -		
MEMPHIS	WA4KOG	146.880 -		
MEMPHIS	N4BSM	146.940 -	T107.2	©
MEMPHIS	W4ZJM	147.000 +	T*#	
MEMPHIS	W4EM	147.030 +		©
MEMPHIS	WA4MQQ	147.060 +		
MEMPHIS	W4GMM	147.090 +	T107.2	©
MEMPHIS	WD4KQG	147.180 +		
MEMPHIS	WA4ADT	147.300 +	107.2	©
MEMPHIS	W4BS	147.360 +	T107.2	
MONTEAGLE	NQ4Y	145.410 -	T114.8	©
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	
MORRISTOWN	KQ4E	145.450 -		
MORRISTOWN	KQ4E	147.030 +		
#MORRISTOWN	KQ4E	147.390 +	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470 -	103.5	©
#MT PLEASANT	KF4GHD	145.450 -	UNCOR	©
NASHVILLE	N4ARK	145.210 -		©
NASHVILLE	WR3S	145.370 -		©
NASHVILLE	N4ARK	145.470 -		©
NASHVILLE	WA4PCD	146.610 -	T	
NASHVILLE	WA4PCD	146.760 -	T114.8	
NASHVILLE	W4SQE	146.790 -	T	©
NASHVILLE	W4AY	146.850 -	T114.8	©
NASHVILLE	WA4PCD	146.880 -	T	
#NASHVILLE	NT4L	146.955 -	UNCOR	©
NASHVILLE	KC4PRD	146.985 -		©
NASHVILLE	KJ4ZQ	147.015 +	T	
NASHVILLE	K4ZGA	147.180 +	T114.8	©
NASHVILLE WEST	WA4PCD	147.150 +	T114.8	
NASHVLE/FAIRVIEW	N4ARK	145.110 -		©
NOLENSVILLE	WD4JYD	145.350 -		©
OAK RIDGE	W4SKH	146.880 -		
OAK RIDGE	W4SKH	146.970 -		
OAK RIDGE	K4EAJ	147.120 +	T82.5	©
OAK RIDGE	K4EAJ	147.150 +	T82.5	©
OAKFIELD	WA4BJY	147.390 +	T	
#ORLINDA	N8ITF	147.195 +	UNCOR	
PARIS	K4KLX	147.360 +		
PETROS/FRZ HD MT	KJ4SI	147.255 +	T94.8	©
PIGEON FORGE	KD4CLA	145.270 -	T100.0	©
PIKEVILLE	KF4JPT	147.285 +		©
PULASKI/MUSIC MT	W4JVO	146.775 -		©
PURYEAR	WA4CEX	147.165 +		
RAMER	WB4MMI	146.700 -	T107.2	
ROKWD/MT ROSVLT	AA4KS	147.015 +		©
RIPLEY	KE4NTL	145.230 -	T100.0	©
ROGERSVILLE	KD4HZN	147.315 +	T114.8	
SALTILLO	K4AJUB	146.715 -		
SELMER	KB6BUL	146.805 -	T127.3	
#SPARTA	N4ARK	147.315 +	UNCOR	©
SPARTA/WHITE	KR4BT	147.165 +	T123.0	©
TELLICO PLAINS	KT4EQ	147.315 +	T	©
UNION CITY	WA4YGM	146.700 -		
UNION CITY	KF5SCT	147.015 +	T107.2	©
WATERTOWN	WA4KPA	146.730 -	T100.0	
WATERTOWN	W4LYR	146.835 -	T100.0	©
WAVERLY	KC4VHQ	147.225 +	T	
WAVERLY	KC4VHQ	147.225 +		©
WINCHESTER	AB4SW	146.820 -		©

220 MHZ

BLOUNTVILLE	WA4CBX	224.200 -		©
BROWNSVILLE	KB4YTU	224.200 -		©
CHATTANOOGA	K4VCM	224.780 -		
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	PROP	
GALLATIN	W4CAT	223.980 -		©
GALLATIN	KD4VUW	224.700 -		
GATLINBURG	W4UWH	224.520 -	PROP	
GRAY	WM4T	224.900 -		
GREENBRIAR	WQ4E	224.800 -		
GREENBRIER	WQ4E	224.760 -		
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		
KNOXVILLE	WB4GBI	224.340 -	PROP	©
KNOXVILLE	N4OQJ	224.380 -	100.0	©
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE	KF4PCK	224.760 -	PROP	©
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	©
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0	©
LAVERGNE	WR3S	224.360 -		©
MEMPHIS	W4ZJM	223.940 -	T*#	
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MORESBRG/SNED	KF4PCK	224.760 -		
MORRISTOWN	KC4RGQ	224.640 -		
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	K4ZGA	224.480 -		©
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	©
NASHVILLE	KC4PRD	224.840 -		©
NEWPORT	AC4JF	224.560 -	T100.0	©
ONEIDA	KB4PNG	224.140 -		©
ROGERSVILLE	KD4HZN	224.480 -	PROP	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	©
SEVIERVILLE	KD4IBW	224.800 -		©
#SHORT MTN	WR3S	223.960 -	UNCOR	©
SHORT MTN.	N4PYI	224.260 -	T114.8	©
SMITHVILLE	WR3S	223.960 -		©
SPRINGFIELD	KO4BN	224.220 -		
SPRINGFIELD	N8ITF	224.540 -	PROP	
SWEETWATER	WD9JGI	224.900 -	PROP	

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		©
ATOKA	KE4ZBI	442.700 +		
BARTLETT	K4VVM	443.700 +	T107.2	©
BARTLETT	WA4PAJ	444.250 +		
BETHPAGE	KD4YUX	442.200 +	T107.2	©
BROWNSVILLE	KB4YTU	444.200 +		
BROWNSVILLE	KB4YTU	444.450 +		
BRSTL/HOLSTN MT	K4JP	444.500 +		
CHATTANOOGA	WJ9J	442.150 +		
CHATTANOOGA	WB4LRD	443.550 +		
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		
CHATTANOOGA	KD4HII	444.200 +	T	
CLARKSVILLE	WA4BZU	444.325 +	T107.2	
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	©
CLEVELAND	KD4NEB	442.450 +	T88.5	
CLEVELAND	W4GZX	444.275 +		©
COLLEGEDALE	KA6UHV	443.575 +		©
COLLIERVILLE	KA7UEC	443.300 +	107.2	
COLLIERVILLE	KA7UEC	443.625 +	T107.2	©
COLUMBIA	WA4AKM	444.925 +	T107.2	
COOKEVILLE	WA4UCE	442.300 +	107.2	
COOKEVILLE	NQ4Y	444.550 +	T107.2	©
CROSSVILLE	W4EYJ	444.950 +	T107.2	©
CUMBERLAND CITY	WD4DBJ	443.400 +	T	
DAYTON	KN4VY	442.075 +		©
DEASON	WA4AWI	443.350 +	T107.2	©
DOVER	N4VIH	444.925 +	T	
DRESDEN	KA4BNI	442.150 +	107.2	©
DRESDEN	KE4OVN	443.850 +	107.2	©
ETOWAH	KF4CFO	442.275 +	PROP	
EVA	AD4QG	443.625 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	
GALLATIN	WD4BKY	444.000 +	T107.2	©
GALLATIN	WD4BKY	444.350 +	T114.8	©
GALLATIN	W4CAT	444.450 +	T107.2	©
GALLATIN	WA4AKM	444.775 +	T107.2	
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3	
GEORGETOWN	WD4OAR	442.925 +	107.2	
GOODLETTSVILLE	KC4PRD	443.125 +	PROP	
GRAY	WM4T	442.200 +	T100.0	
GREENBRIER	WQ4E	444.250 +		
GREENEVILLE	WB4NKM	444.650 +	T100.0	
GRNVLE/VIKING MT	KB4UG	443.200 +		
HARRIMAN	KC4WHL	442.875 +	T136.5	©
HARRIMAN	KC4WHL	444.025 +		©
HENDERSON	KE4PFW	442.275 +		
HENDERSON	K4TC	444.750 +	T	©
HICKORY VALLEY	KA4JXT	443.125 +	107.2	©
HUNTINGDON	KB4YTM	444.375 +		
JACKSON	KE4CES	442.900 +	T114.8	©
JACKSON	WB0TMC	444.725 +	T107.2	
JAMESTOWN	KC4MJN	443.625 +	T100.0	
JASPER	KD4XV	442.050 +	T127.3	©
JEFFERSON CITY	KD4TUD	444.625 +	T	
JOHNSON CITY	KE4FH	444.100 +		
JOHNSON CITY/BUF	WD4ATV	421.250 +		©

SYMBOLS: © = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

INDEX LISTINGS - BY STATE - BY CITY . . . continued

TENNESSEE REPEATERS CONTINUE

JOHNSON CITY/HOL	WB4SQC	442.050 + T100.0		
KNOXVILL/ENG MTN	WB4HAP	444.600 +		
KNOXVILLE	WB4HAP	442.500 + T103.5		
KNOXVILLE	N4UAG	443.025 +		
KNOXVILLE	KA4AZQ	443.075 + PROP		
KNOXVILLE	KD4CWB	443.500 + T		
KNOXVILLE	KA4AZQ	443.800 + T100.0		
KNOXVILLE	KD4OBX	443.950 +		
KNOXVILLE	KD4CWB	444.000 + PROP		
KNOXVILLE	KC4NNN	444.175 + T		
KNOXVILLE	WB4GBI	444.300 +		
KNOXVILLE	KB4KSL	444.325 +		
KNOXVILLE	KC4NNN	444.425 + T		
KNOXVILLE	KD4IBW	444.525 + T100.0		
KNOXVILLE	KD4TZD	444.925 +		
KNOXVILLE/RACK	W4BBB	444.575 + T100.0		
LAFAYETTE	KC4ECD	444.125 + T107.2		
LAFOLLETTE	KB4OTK	443.700 +		
LAKE CITY	WD4LUR	442.800 + T100.0		
LAVERGNE	WR3S	443.975 + T		
LEBANON	WA4AWI	443.275 + T107.2		
LEBANON	W4LYR	443.575 + T100.0		
LEBANON	WA4AXH	444.275 + T		
LEWISBURG	KF4TNP	442.100 + PROP		
LEWISBURG	KF4TNP	444.075 + PROP		
MARYVILLE	KF4BTL	442.000 +		
MARYVILLE	KC4PDQ	444.075 + 100.0		
MCEWEN	KE4NKZ	443.925 + T		
MCKENZIE	KD4KPV	443.875 +		
MCMINNVILLE	WD4MWQ	444.850 + T		
MCNAIRY	KF4SCT	444.550 + T107.2		
MEDINA	WA4BJY	442.050 +		
MEMPHIS	W4GMM	442.175 + T107.2		
MEMPHIS	WB4EPG	442.625 +		
MEMPHIS	WF4G	442.825 +		
MEMPHIS	W4ZJM	443.000 + T*#		
MEMPHIS	KA4JXT	443.100 + T107.2		
MEMPHIS	KA4JXT	443.125 + T		
MEMPHIS	W4BS	443.200 + T107.2		
MEMPHIS	WA4QWW	443.400 +		
MEMPHIS	N4ER	443.950 + T		
MEMPHIS	WA4ETE	444.000 + T107.2		
MEMPHIS	K4RDK	444.025 +		
MEMPHIS	KF4ATY	444.075 +		
MEMPHIS	KA4JXT	444.100 + T		
MEMPHIS	KA4JXT	444.125 + T		
MEMPHIS	W2GLJ	444.175 +		
MEMPHIS	WA4KOG	444.400 +		
MEMPHIS	KQJXI	444.800 +		
MEMPHIS	K5FE	444.825 + 107.2		
MEMPHIS	K7AG	444.850 + T107.2		
MEMPHIS	WB4NNE	444.950 +		
MILAN	WD4PAX	442.100 +		
MORRISTOWN	KQ4E	444.975 + T		
MT JULIET	N4PYI	444.400 + T		
MT JULIET	N4PYI	444.750 + PROP		
MT PLEASANT	KF4TNP	443.175 + PROP		
#NASHVILLE	WB4PUB	443.050 + UNCOR		
NASHVILLE	KB5YJC	443.725 + PROP		
NASHVILLE	N4PYI	444.050 + T107.2		
NASHVILLE	N4ARK	444.200 + T		
NASHVILLE	N4ARK	444.225 + T107.2		
NASHVILLE	WA4BZU	444.300 + T107.2		
NASHVILLE	WA4BGK	444.525 + T107.2		
#NASHVILLE	WA4PCD	444.550 + UNCOR		
NASHVILLE	WA4WCK	444.575 + T		
NASHVILLE	N4TK	444.625 + T107.2		
NASHVILLE	WA4PCD	444.675 + T		
NASHVILLE	N4PYI	444.800 + T110.9		
NASHVILLE	WA4AKM	444.875 + T107.2		
NASHVILLE	WA4AKM	444.975 + T107.2		
NOLENSVILLE	WA4AXH	443.650 + T		
OAK RIDGE	K4EAJ	444.400 + T82.5		
OAKFIELD	WA4BJY	442.200 + T		
ONEIDA	KT4PN	442.825 +		
PARIS	AD4LR	443.675 +		
PIGEON FORGE	KD4CLA	444.350 + T156.7		
PROSPECT	WA4AUX	444.600 + T118.8		
RAMER	WB4MMI	444.900 + T		
RCKWOOD/OZONE	WJ9J	442.225 +		
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 + T		
SCREAMER	W4RDM	442.725 + PROP		
SEVIERVILLE	KD4IBW	443.675 + T100.0		
SEVIERVILLE	N4CKB	444.725 + T123.0		
SHELBYVILLE	WA4PZN	442.700 + T		
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREB	W4CAT	444.650 + T107.2		
SMITHVILLE	N4PYI	444.825 + T107.2		
SODDY DAISY	WJ9J	444.450 +		
SPARTA	KR4BT	444.375 + PROP		
SPENCER	KA4MHJ	443.775 + 123.0		
SPRINGFIELD	N8ITF	442.600 + PROP		
SUMMITVILLE	N4ZKR	444.475 + T107.2		
WATERTOWN	W4LYR	444.900 + T100.0		
WAVERLY	KC4VHQ	442.225 + PROP		
WHITE HOUSE	WA4KOC	443.900 + PROP		

920 MHZ

MORRISTOWN	KQ4E	920.800 -	
NASHVILLE	K4ZGA	923.250 -	

1270 MHZ

MEMPHIS	N4HKS	1292.000-	
NASHVILLE	WA4AKM	1284.400-	
SMITHVILLE	WA4AKM	1286.500-	

VIRGINIA

BEACONS

HIGH KNOB	WD4GSM	432.075 -	
HIGH KNOB	WD4GSM	1296.075-	
HIGH KNOB	WD4GSM	144.054 -	
HIGH KNOB	WD4GSM	222.055 -	

10 METERS

BLUEFIELD	KE4QOX	29.680 - PROP	
FANCY GAP	KE4QOX	29.660 - T123.0	
NEWPORT NEWS	W4CM	29.600 +	
STERLINGPARK	KD4DN	29.680 -	
STERLINGPARK	KD4DN	29.680 -	

6 METERS

ALEXANDRIA	WA4CCF	224.820 -	
AMELIA	WB3R	53.390 -	
AMELIA COURTHSE	KB4YKV	53.110 -	
ALEXANDRIA	WA4CCF	53.130 +	
BEDFORD/THAX MT	N4CH	53.150 -	
CHESTERFIELD	KD4SUU	53.430 -	
DANVILLE(DCC)	WB4GJG	53.130 - T	
FANCY GAP	WA4CQK	53.290 - T100.0	
GATE CITY	N4WWB	53.210 -	
GUM SPRING	KB4MIC	53.070 -	
HAMPTON	WA4OHX	53.890 -	
LEXNGTN/ROCK MT.	KI4ZR	53.010 -	
LYNCHBURG	KE4KEH	53.570 -	
NEWPORT NEWS	KT4QW	53.250 - T100.0	
PEARISBURG	KE4JYN	53.470 - T107.2	
RICE	KE4SFU	53.170 -	
ROANOKE	N4CH	53.250 -	
ROANKE/POOR MT	WB8BON	53.090 -	
TYSONSCORNER	KM4OI	53.370 -	
VESTA	N4GBO	53.430 - PROP	
WHITE TOP MTN	KB4YFV	53.650 -	

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610 -	
ABINGDON	NM4L	147.345 + T103.5	
ACCOMAC	K4BW	147.255 + T156.7	
ALEXANDRIA	K4US	146.655 -	
ALEXANDRIA	W4HFH	147.315 +	
ALTAVISTA	WA4ISI	146.655 -	
AMELIA	WB3R	145.190 -	
AMELIA COURTHSE	KB4YKV	147.180 +	
ARLINGTON	KF4JPC	146.625 -	
BEDFORD	N4CH	145.230 -	
BEDFORD	WB4JBJ	147.105 +	
BEDFORD/APL ORC.	WA1ZMS	146.685 - T100.0	
BLACKSBURG	W9KIC	146.715 -	
BLACKSTONE	N4RAG	146.820 - PROP	
BLAND	N4AZJ	145.350 - T103.5	
BLUEFIELD	KD8XK	145.250 - T100.0	
BLUEFIELD	W8MOP	145.490 -	
BLUEFIELD/ONEIDA	WZ8E	146.955 - 100.0	
BLUEMONT	WA4TSC	147.300 +	
BOYDTON	KD4ZTK	147.240 +	
CHARLOTTESVILLE	WA4TFZ	146.760 - T88.5	
CHARLOTTESVILLE	N4RAG	146.895 - T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925 -	
CHESAPEAKE	WA4YSE	146.610 -	
CHESAPEAKE	N4SD	146.790 -	
CHESTERFIELD	KD4KWP	145.310 - 127.3	
CHESTERFIELD	KA4CBB	147.360 +	
CLAYPOOL HILL	KU4RK	146.805 + T103.5	
#CLINCHCO	KK4MW	146.985 - UNCOR	
CLINCHCO	KB4RFN	147.150 + T88.5	
#CLINCHCO	WD4CYZ	147.255 + UNCOR	
COEBURN	AD4OV	145.430 - 103.5	
COVINGTON	WA4HTI	146.805 -	
CULPEPPER	AF4CY	145.410 -	
DANVILLE(DCC)	WB4GJG	146.925 - T104.2	
DANVILLE/WHT OAK	K4AU	146.700 - 107.2	
DUBLIN	K4HZS	146.670 -	
DULLESAIRPORT	N4FSC	145.310 -	
EASTVILLE	N4WAO	147.345 + T156.7	
ELK CRK/IRON MTN.	N4MGQ	147.240 + T107.2	
ENON	WB4VWR	147.060 + T107.2	
FAIRFAX CITY	K4KXK	146.790 -	
FANCY GAP	WA4CQK	145.110 - T100.0	
FARMVILLE	KE4ZBH	145.330 -	
FARMVILLE	N4RKM	146.910 -	
FINCASTLE	W4WIC	146.640 -	
FOREST	W8CXD	147.165 + T114.8	
FRANKLIN	K4SPS	147.300 + T131.8	
FREDERICKSBURG	WB4LNT	147.015 +	
GALAX/BRIRP MT	W4BRC	147.090 +	
GALAX/LKOUT MT	N4VL	145.130 - T103.5	
GARRISONVILLE	N4NW	145.270 -	
GATE CITY	N4WWB	146.820 - T	
GLOUCESTER	W4HZL	145.370 - T100.0	
GOOCHLAND	N4TZE	147.090 +	
GREENBAY	K4ARO	145.150 -	
GRUNDY	K4HWQ	147.315 +	
GRUNDY/BIG A MT	KK4EH	146.835 -	
GUM SPRING	WB4IKL	147.270 +	
HAMPTON	WA4OHX	145.490 -	
HAMPTON	W4QR	146.730 -	
HAMPTON	K4UMI	146.940 - T	
HAMPTON	KA4VXR	147.225 + T136.5	
HARRISONBURG	N4YET	145.130 -	
HARRISONBURG	N4RAG	146.895 -	
HARRISONBURG	N4RAG	147.225 + T131.8	
HARRISONBURG	N4YET	147.315 +	
KILMARNOCK	W2MS	145.210 -	
LEXINGTON	KI4ZR	147.300 +	
LEXNGTN/ROCK MT.	KI4ZR	147.330 +	
LYNCHBURG	KC4RBA	145.370 -	
LYNCHBURG	W4WWQ	146.610 - 136.5	
LYNCHBURG	AB4M	147.015 - T131.8	
LYNCHBURG	WA4RTS	147.195 + T136.5	
MANASSAS	W4OVH	146.970 -	
MARION	N4QLF	146.640 - T103.5	
MARTINSVILLE	KF4KVG	147.285 + T107.2	
MECHANICSVILLE	W4ML	146.805 - PROP	
MONTEREY	WD4ITN	147.180 + T100.0	
MONTPELIER	KQ4RH	145.250 - PROP	
MOUNTAIN LAKE	WZ8E	146.865 + 110.9	
MT.LAKE/BALD KNB.	K4TUE	146.910 - 107.2	
NEWPORT NEWS	W4MT	145.230 - T100.0	
NEWPORT NEWS	W4CM	147.165 +	
NORFOLK	W4VB	145.330 -	
NORFOLK	KF8PT	146.700 - PROP	
NORFOLK	AD4ZK	147.075 +	
NORTON	KC4UBU	146.865 - T103.5	
NORTON/HIGH KB	K4AXO	147.015 - T88.5	
PATRICK SPRINGS	WB8POC	147.120 + T107.2	
PEARISBURG	N4AZJ	147.135 + T100.0	
PEARISBURG	W4NRV	147.375 + PROP	
PENNINGTON GAP	KK4QS	146.700 -	
PETERSBURG	K4ARO	147.390 +	
PKS KB/PULASKI	WB3S	147.180 + T103.5	
PORTSMOUTH	W4POX	146.850 - 100.0	
QUANTICO	#W4NFR	147.345 +	
RADFORD/RINER	KA4IXK	145.150 -	
RICHMOND	K4YPE	145.110 -	
RICHMOND	W4SQT	145.430 -	
RICHMOND	WB4QEY	146.640 -	
RICHMOND	W4RAT	146.880 -	
RICHMOND	W4ZA	146.940 -	
RICHMOND	WA4JST	147.030 -	
RICHMOND	KC4VDZ	147.135 + T107.2	
ROANOKE	N4AP	146.940 -	
ROAN/POOR MT	K4ARO	145.390 - T107.2	
ROA/POOR MT	K4ROA	146.745 - T107.2	
ROA/POOR MT	W4CA	146.985 -	
ROA/POOR MT	KB4QWO	147.270 +	
ROA/POOR MT.	N2EDE	145.210 -	
RUSTBURG	N4UTN	145.290 - T	
RUSTBRG/LONG MT	N4UTN	146.835 - T173.8	
SALEM	WA4V	146.880 -	
SALUDA	AA4HQ	145.450 -	
SMITHFIELD	KF4ADJ	147.195 + T100.0	
SOUTH BOSTON	KF4LWH	145.350 -	
SOUTH BOSTON	KF4AGO	147.060 -	
SOUTH HILL	N4ZCM	145.470 -	
SPOTSYLVANIA	K4MQF	146.775 -	
STAUNTON	KD4WWF	146.700 - T131.8	
STAUNTON	WA4ZBP	146.850 - T131.8	
STAUNTON	W4WRN	146.970 -	
STAUNTON/EL. KB	KE4CKJ	147.045 + T131.8	
STERLING	WA4TXE	146.715 -	
STUARTS DRAFT	KB4OLM	147.360 +	
SUFFOLK	WA4HMT	147.000 - T100.0	
TYSONS CORNR	KF4QQP	146.910 -	
TYSONSCORNER	KR4MU	146.910 -	
VIRGINIA BEACH	WA4KXV	146.895 -	
VIRGINIA BEACH	WA4KXV	146.970 -	
VIRGINIA BEACH	WA4SBC	147.045 +	
VIRGINIA BEACH	W4NV	147.375 +	
WALKERTON	KA4DZU	146.715 -	
WARRENTON	KB3BOI	145.350 -	
WARRENTON	NZ4N	147.165 +	
WARSAW	KA4ZIP	147.285 +	
WAYNESBORO	W4PNT	147.075 +	
WILLIAMSBURG	KF4ADM	145.410 - 127.3	
WILLIAMSBURG	K4RC	146.670 -	
WILLIAMSBURG	KB4ZIN	146.760 -	
WINCHESTER, VA	N4RAG	145.210 - T131.8	
WINCHESTER, VA	W4RKC	146.820 -	
WYTHEVILLE	WB3T	146.775 - T107.2	
WYTHVL/WALKR MT.	WB3T	146.895 - T103.5	

220 MHZ

ARLINGTON	WB4MJF	224.060 -	
ARLINGTON	WB4MWF	224.620 -	
BEDFORD	N4PLV	224.840 -	
BEDFRD/APL ORCH.	WA1ZMS	224.180 - T100.0	
BLUEFIELD	N8LGA	224.920 -	
BUCK'S ELBOW	N4RAG	224.320 - T131.8	
CHARLOTTESVILLE	KB4YQC	224.140 - T88.5	
CHARLOTTESVILLE	WA4TFZ	224.760 -	
DELTAVILLE	AA4HQ	224.900 -	
FAIRFAX CITY	W4YHD	224.100 -	
FANCY GAP	K4DQ	224.880 - PROP	
GLOUCESTER	W4GSF	224.620 -	
HAMPDEN-SYDNEY	W4JAS	224.200 -	
HAMPTON	WB4PVT	224.540 - T100.0	
HARRISONBURG	N4YET	224.820 -	
HAYMARKET	WD4KHP	224.420 -	
JONESVILLE	WM4MD	224.520 - PROP	
LAKE GASTON	WA4HMT	224.600 -	
LOVETTSVILLE	WB4FUJ	224.460 -	
LYNCHBURG	AB4M	224.280 -	
MANASSAS	W4OVH	224.660 -	
MANASSAS	W4OVH	224.660 -	
MARTINSVILLE	K4RCA	224.500 -	
NORFOLK	KC4JGC	224.740 - T100.0	
NORTON/HIGH KNB.	WD4GSM	224.420 -	

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VIRGINIA REPEATERS CONTINUE

PATRICK SPRINGS	KC4J	224.420 -	T103.5	
PEARISBURG	KQ4Q	224.860 -		◎
PETERSBURG	K4ARO	224.700 -		◎
RESTON	WD4KHP	224.720 -		
RESTON	WD4KHP	224.720 -		
RIDGEWAY	AA4QT	224.380 -	T	
ROANOKE	N4CH	224.100 -		◎
ROA/CAHAS MT	AB4EM	224.940 -		◎
ROANOKE/TINKER	K4YDG	224.900 -		◎
STAUNTON/EL KNB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	◎
TYSONSCORNER	WD4KHP	224.420 -		
WAYNESBORO	KA4RCL	224.680 -	T131.8	◎

440 MHZ

ABINGDON	KB8KSP	442.975 +	T88.5	◎
ACCOMACK	K4BW	444.300 +	T156.7	◎
ALEXANDRIA	WA9GVK	443.750 -		
ALEXANDRIA	W4HFH	444.600 -		
ALTAVISTA	WA4ISI	444.425 +		◎
AMELIA	KB4YKV	443.200 +		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	WB4MJF	444.150 +		
BEDFORD	N4CH	444.350 +		◎
BEDFRD/APL ORCH.	WA1ZMS	442.650 +	T100.0	◎
BEDFRD/APL ORCH.	WA1ZMS	443.800 +	T100.0	◎
BIG "A" MTN	KB4WTP	444.875 +		◎
BLUEFIELD	WZ8E	443.625 +		◎
BLUEFIELD	WB3T	443.775 +	PROP	
BLUEFIELD	W8MOP	444.450 +		◎
BLUEFIELD	WZ8E	444.625 +		◎
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	WA4TFZ	444.250 +	151.5	◎
CHESAPEAKE	N4EVG	443.900 +		
CHESTERFIELD	WA3KOK	433.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		◎
CHESTERFIELD	WA3KOK	442.450 +	PROP	◎
COVINGTON	WA4HTI	442.250 +		◎
DALECITY	N8BOR	443.100 +		
DANVILLE	KQ4I	443.850 +		◎
DANVILLE/WHT OAK	K4AU	444.700 +		◎
ENON	WB4VWR	444.200 +		
ENON	KE4RTQ	444.275 +	T114.8	
FAIRFAX	K4HTA	448.375 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	WD4ICX	444.175 +	T107.2	
FANCY GAP	N4OWU	444.375 +	T107.2	
FANCY GAP	N4XRY	444.900 +		◎
FOREST	W8CXD	443.600 +	T136.5	◎
FOREST	WD4KQI	444.750 +		◎
FRONTROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +		
GATE CITY	N4WWB	444.700 +		
GLOUCESTER	N4XND	421.250 +		
GOODVIEW	K4YD	443.675 +	T107.2	
GRETNA/SMITH MT	KD4TBC	444.075 +	T67.0	
GUM SPRING	KB4MIC	442.800 +		◎
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	◎
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	N3AUY	449.025 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	◎
JONESVILLE	WB4IVB	442.575 +	T100.0	◎
LEXINGTON	KI4ZR	444.300 +		◎
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		◎
LORTON	WA3TOL	448.675 -		
LYNCHBG/JACK MT.	KF4YI	442.400 +	T107.2	◎
LYNCHBRG/TOB MT	K4CQ	444.500 +	T136.5	◎
LYNCHBURG	K4CQ	923.250 -		◎
LYNCHBURG	AB4FU	442.950 +	T	
LYNCHBURG	KC4RBA	443.450 +		
LYNCHBURG	WA4RTS	444.550 +	T136.5	◎
LYNCHBURG/T.ROW	N4IFC	442.200 +	T103.5	
MADISON	N8HON	444.400 +		
MARTINSVILLE	KD4CRM	442.175 +	T118.8	
NEWPORT NEWS	W4MT	442.900 +	T100.0	◎
NORFOLK	AD4ZK	444.475 +	T	◎
NORFOLK	WD4MIZ	444.675 +	T107.2	◎
OILVILLE	KB4MIC	444.800 +		◎
PATRICK SPRINGS	KC4J	443.175 +		
PEARISBURG	N4AZJ	444.975 +	T103.5	◎
PETERSBURG	K4ARO	442.600 +		◎
PETERSBURG	WB4KZI	443.825 +		
PORTSMOUTH	W4POX	443.800 +		◎
POWHATAN	KN4YM	443.100 +		
PULASKI	KE4CIF	442.775 +	T	
RICHMND/CHLTVL	N4EHJ	444.650 +		◎
RICHMOND	KC4VDZ	442.300 +	T114.8	
RICHMOND	W4RAT	442.550 +	T127.3	
RICHMOND	AB4SF	444.850 +	T	◎
ROANOKE	K4ARO	442.600 +	T	◎
ROANOKE	WB3T	444.325 +	T103.5	◎
ROA/MILL MTN.	WD4KZK	442.750 +	T107.2	◎
ROAPOOR MT	W4CA	442.500 +		
ROAPOOR MT	KA4IXK	442.850 +		◎
ROA/POOR MT.	N4FHL	439.250 -		
ROA/POOR MT.	W7CP	442.700 +	T	◎
ROA/READ MT	WD4KZK	444.850 +	T107.2	◎
ROANOKE/TINKER M	WB8BON	444.925 +		◎
SMITHFIELD	KF4PGC	443.550 +	T100.0	◎
SOUTH BOSTON	KF4AGO	443.925 +		
SOUTH BOSTON	KF4LWH	444.625 +		
SOUTH HILL	KD4MJO	443.525 +	100.0	◎
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPRINGFIELD	WD4KHP	449.825 -		
STAFFORD	N4NW	444.450 +		
STAUNTON	WA4ZBP	444.825 +	T131.8	◎
STAUNTON	W4WRN	444.950 +		
STAUNTON/EL KNB	KE4CKJ	444.100 +	T131.8	
STUART	WB4GUG	442.225 +	T107.2	◎
STUARTS DRAFT	KB4OLM	444.050 +		
TYSONSCORNER	KR4MU	447.025 -		
TYSONS CORNR	KA3RQR	447.025 -	T100.0	◎
TYSONSCORNER	KM4FI	443.500 +		
VIENNA	N4KOU	444.850 +		
VIRGINIA BEACH	WA4KXV	444.950 +		◎
WAYNESBORO	N3XA	426.250 +		◎
WHITETOP MTN	KM4X	443.000 +	T103.5	◎
WILLIAMSBURG	KB4ZIN	444.100 +		◎
WILLIS	W4DUM	443.875 +		
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	◎
WYTHEVILLE	WB3T	442.525 +	103.5	

920 MHZ

ALEXANDRIA	WA9GVK	911.250 -		
ALEXANDRIA	WA9GVK	915.750 -		
BEDFRD/APL ORCH.	WA1ZMS	921.100 -	T100.0	◎
LYNCHBRG/TOB MT	K4CQ	921.000 -	T100.0	◎
LYNCHBURG	K2AD	921.200 -	T100.0	◎
ROAPOOR MT	WD4KZK	919.500 -	107.2	◎
TYSONSCORNER	K6LEW	919.500 -		

1270 MHZ

BEDFRD/APL ORCH.	WA1ZMS	1283.100-	T100.0	◎
ROA/POOR MT	N4CH	1291.020-		◎

2.4GHz

BEDFRD/APL ORCH.	WA1ZMS	2411.600 +	◎

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		◎
CHARLESTON	WB8CQV	29.640 -		
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	W8WDK	53.190 -		
BECKLEY	WB8YST	53.590 -	T107.2	◎
CHARLESTON	WB8YST	53.630 -	T107.2	◎
DANSMOUNTAIN	N8YIB	53.410 -		
FLATWOODS	N8CQQ	53.110 -	PROP	
GASSAWAY	K8WGB	53.210 -	T123.0	◎
LOGAN	KE4QOX	53.170 -	T	◎
MARMT/CHARLSTN	N8PEI	53.750 -	T141.3	
RICHWOOD	WB8YST	53.710 -	T107.2	◎
SHIRLEY	KB8TJH	53.310 -		

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	◎
BECKLEY	N8FWL	147.360 +	T123.0	◎
BECKLEY/BOLT	WV8B	145.170 -	T100.0	◎
BECKLEY/EOC	N8TNB	145.370 -		
BECKLEY/FLAT TOP	W8WDK	146.850 -		
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	◎
BECKLEY/OAK HILL	N8FWL	145.230 -	T100.0	◎
BERKELEYSPRIN	KK3L	146.745 -		
BERKELEYSPRIN	KK3L	146.745 -		
BIRCH RIVER	N8FMD	145.270 -	T103.5	◎
BRIDGEPORT	WB8DKM	147.120 +	T	◎
BUCKHANNON	N8FHE	145.410 -		
BUCKHANNON	N8ZAR	146.850 -		◎
BUCKHANNON	N8ZAR	147.060 +	123.0	◎
CAPONMOUNTAIN	N8YIB	147.435 -		
CHARLESTON	W8GK	145.350 -	91.5	◎
CHARLESTON	WB8IFS	146.820 -		
CHARLESTOWN	N8EIV	146.985 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	◎
CLARKSBURG	N8FMD	147.210 +	T103.5	◎
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	◎
ELKINS	KB8BWZ	146.775 -		
FAIRMONT	W8SP	145.350 -	T103.5	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL	WV8B	146.625 -	T100.0	◎
FLATWOODS	N8ZPX	146.655 -	T123.0	◎
FRANKLIN	W3RUA	147.345 +		◎
FROST	N8RV	145.110 -		◎
GASSAWAY	WB8MZI	146.610 -		
GLENVILLE	KB8EUN	145.130 -		◎
GLENVILLE	KA8ZXP	145.290 -		◎
GRAFTON	WD8LNB	147.375 +		
GRANTSVILLE	N8LGY	145.450 -	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +		
HARPER'SFERRY	KB3BOI	145.350 -		
HINTON	KC8CNL	147.255 +	100.0	◎
HUNTINGTON	WB8FEQ	145.210 -		
HUNTINGTON	W8VA	146.760 -		
HUNTINGTON/CHAS	WB8EZR	146.640 -		◎
IAEGER	N8SNW	146.655 -		
KEYSER	N8RCG	147.390 +	123.0	◎
LEWISBURG	WB8SPW	146.730 -	T100.0	◎
LEWISBURG	WV8D	147.390 +	T100.0	◎
LIBERTY	WV8AR	145.410 -	T123.0	◎
LOGAN SOUTH	NV8H	147.195 +	100.0	◎
LOGAN/SUMERCO	NU8K	147.345 +		
LOGAN/WRD RK MT	KJ8E	146.970 -		
MADISON	WB8NAM	147.120 +	T	
MARLINTON	N4RAG	147.090 +	131.8	
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	K3MAD	147.345 +		
MCMECHEN	N8BQ	146.910 -		◎
MIDDLEBOURNE	KC8GXI	147.360 +	T110.9	◎
MOOREFIELD	KD4SZR	145.190 -		
MORGANTOWN	W8CUL	146.760 -		◎
MORGANTOWN	KE8MR	147.075 +	T103.5	◎
MULLENS	KC8IT	147.030 +		◎
NEW MARTINSVILE	KF8LL	146.985 -		
OAK HILL	NM8T	146.790 -		◎
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		◎
PARKERSBURG	WD8CYV	147.390 +	T141.3	◎
PARKERSBURG (OH)	WF8U	146.745 -		
PARKERSBURG (OH)	N8NBL	146.970 -		◎
PARSONS	K8VNQ	145.370 -	T118.8	◎
PHILIPPI	K8VE	145.150 -	103.5	◎
PINEVILLE	W8LG	147.285 +		◎
PRINCETON	KA8PNC	147.060 -		◎
PRINCETON	WB8NRK	147.225 +	T114.8	◎
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		◎
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	WA8YWO	147.150 +	T100.0	
SALT ROCK	K8SA	145.110 -	T110.9	
SCOTT DEPOT	WV8AR	147.270 +	123.0	◎
SHERRARD	KD8GL	146.715 -		◎
SHIRLEY	KB8TJH	145.310 -	T	
SMITHERS	NM8T	147.075 -		◎
SO. CHARLESTON	WB8CQV	146.880 -		
SPRUCE KNOB	N8HON	147.285 +		
ST ALBANS	K8WMX	147.000 -		
SUMMERSVILLE	W8FG	145.470 -	100.0	
TERRA ALTA	KD8ZR	147.000 +	T	◎
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	WC8K	147.165 +		
WHEELING	KA8YEZ	145.190 -		
WHEELING	W8ZQ	146.760 -		◎
WILLIAMSON	WR8M	145.330 -		◎

220 MHZ

BECKLEY	N8FWL	224.240 -	T123.0	◎
BERKELEYSPRIN	KA3VLG	224.700 -		
CHARLESTON	WB8YST	224.360 -	107.2	◎
FLAT TOP/WINTRPL	WV8B	224.120 -		◎
WILLIAMSON	WR8M	224.140 -		◎

440 MHZ

BECKLEY	N8FWL	443.475 +	T123.0	◎
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	443.225 +		◎
BECKLEY/OAK HILL	WV8B	444.800 +		◎
BECKLY/OAK HILL	KE4QOX	443.100 +	T107.2	
BELINGTON	N8SCS	444.900 +	71.9	
BERKELEYSPRIN	WA3KOK	442.450 +		
BUCKHANNON	N8ZAR	444.250 +		◎
CHARLESTON	KB8QKM	442.925 +	PROP	
CHARLESTON	WV8AR	444.225 +	T123.0	◎
CHARLESTON	WB8YST	444.350 +	T107.2	◎
CLARKSBURG	N8FMD	444.175 +	T103.5	◎
DANSMOUNTAIN	N8YIB	145.330 +		
FAIRMONT	W8SP	443.875 +		
FLATTOP/EGERIA	W8ARA	444.400 +	T100.0	◎
FLATWOODS	N8ZVK	444.200 +		
GASSAWAY	K8WGB	444.675 +	T123.0	◎
GLENVILLE	KA8ZXP	444.325 +		◎
HUNTINGTON	WA4GSS	421.250 +		
HUNTINGTON	WB8EZR	443.000 +		◎
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	AA8MR	444.850 +	T131.8	◎
HURRICANE	K8QJC	444.075 +		
HURRICANE	W8HYX	444.500 +	PROP	
KEYSER	N8RCG	444.125 +	103.5	◎
LEWISBURG	KF8FO	444.725 +	T103.5	◎
LOGAN	KE4QOX	444.900 +	T	◎
MORGANTOWN	W8CUL	444.800 +		◎
MULLENS	KC8IT	444.000 +		◎
OAK HILL	NM8T	443.300 +		◎
OAK HILL	KA8OTX	443.800 +		◎
PENNSBORO	WB8NSL	442.850 +	PROP	
PRINCETON	KB8UJG	443.700 +	T123.0	
RIPLEY	KC8AOF	444.150 +	PROP	
SHIRLEY	KB8TJH	444.425 +	T	
SO. CHARLESTON	WB8CQV	444.950 +		
ST. ALBANS	K8MHR	443.150 +		
WELCH	N8SNY	443.725 +		◎
WESTON	N8FIP	443.975 +		
WESTON	WC8K	444.600 +		
WHEELING	KB8QHO	421.250 +		
WHEELING	KA8YEZ	443.025 +	77.0HZ	◎

The SERA Repeater Index Contains over 4,200 Listings - By-City and By-Frequency

Limited FULL MEMBERS FROM NON-SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590 - 71.9	☺

2 METERS

ANGOLA, IN	WB9AEI	147.105 + T	☺
ANGOLA, IN	WB9AEI	147.180 + T131.8	☺
CONCORD, NH	KA1OKQ	147.225 + T100.0	☺
DELAND, FL	K4DWF	147.045 + T103.5	☺
LOGANSPORT, IN	W9VMW	145.230 -	
LOGANSPORT, IN	W9VMW	147.180 + T77.0	
PLYMOUTH, IN	WA9INM	147.285 + T131.8	☺

220 MHZ

ALBANY, NY	K2AD	224.140 -	☺
CONCORD, NH	KA1OKQ	224.800 - T103.5	☺

440 MHZ

ALBANY, NY	K2AD	444.000 +	☺
ANGOLA, IN	WB9AEI	444.900 + T100.0	☺
CONCORD, NH	KA1OKQ	448.775 - T82.5	☺
DALLAS, TX	KF5TU	442.350 + T100.0	☺
EVANSVILLE, IN	AA9MM	443.400 +	☺
LOGANSPORT, IN	W9VMW	443.650 +	
MT EQUINOX, VT	K1DF	444.050 +	☺
PEMBROKE, NH	KA1OKQ	444.150 +	☺
PETERBORO, NH	KA1OKQ	443.350 + T110.9	☺

920 MHZ

ALBANY, NY	K2AD	921.000 -	☺
MT. BEACON, NY	K1DF	921.200 -	☺

REPEATER LIST STATUS UNKNOWN

UNKNOWN REPEATER LISTS

The following list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Any of the "Unknown" listings owners or trustees may get their listing removed from this "Unknown" area. Simply - contact our SERA Records department - ask for a datasheet. Upon receipt, fill it out completely and accurately, sign, and return it to SERA. The returned datasheet will then be passed to the individual Director of the State the listing is from, who will take steps to have the listing re-instated in the main SERA Repeater Database of listings.

Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the District Coordinator (Director).

GEORGIA UNKNOWN LISTINGS

2 METERS			
COLUMBUS	KA4CEK	145.310 -	UNKN
COLUMBUS	W4CVY	146.880 -	UNKN
CONYERS	WB4JEH	145.230 -	UNKN
CONYERS	WB4JEH	146.610 -	UNKN
COOLIDGE	N4JBF	145.170 -	UNKN
#FORSYTH	W4STJ	147.915 -	UNKN
JESUP	WA4EQL	145.190 -	UNKN
JESUP	N4PJR	146.925 -	UNKN
JESUP/SCREVEN	N4PJR	147.345 +	UNKN
LAGRANGE	WB4BXO	147.330 +	UNKN
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN
SWAINSBORO	K4VYX	146.790 -	UNKN
VIDALIA	KE4ZZ	146.625 -	UNKN
220 MHZ			
ATLANTA	N4BLR	224.280 -	UNKN
CLAYTON	KI4WR	224.720 -	UNKN
#CONYERS	WB4JEH	224.020 -	UNKN
CUMMING	K4JSR	224.980 -	UNKN
ROCKMART	KC4KLW	224.780 -	UNKN
440 MHZ			
ATLANTA	KE4ZV	443.650 +	UNKN
ATLANTA	KD4LXT	443.875 +	UNKN
ATLANTA	WA4NNO	444.925 +	UNKN
BARNESVILLE	N4GWO	443.675 +	UNKN
BRUNSWICK	KD4CPO	443.425 +	UNKN
BYRON	KF4XH	443.150 +	UNKN
CLARKESVILLE	K4HCA	442.425 +	UNKN
CONYERS	WB4JEH	442.550 +	UNKN
CONYERS	WB4JEH	444.550 +	UNKN
CONYERS	N4EMM	444.750 +	UNKN
DACULA	KK4IN	443.550 +	UNKN
DECATUR	WB4LBM	444.200 +	UNKN
HAMILTON	WB4ULJ	444.400 +	UNKN
HIGH HOUSE MTN	KD4APP	443.200 +	UNKN
JASPER	KB4MDE	443.425 +	UNKN
JESUP	N4PJR	444.925 +	UNKN
REX	KB4NPO	443.975 +	UNKN
ROCKMART	KC4KLW	443.275 +	UNKN
ROCKMART	KC4KLW	443.525 +	UNKN
SMYRNA	N4IBW	444.650 +	UNKN

KENTUCKY UNKNOWN LISTINGS

6 METERS			
LOUISVILLE	WB4LBR	52.025 +	UNKN
2 METERS			
DRAKESBORO	KF4DKJ	146.820 -	UNKN
#GEORGETOWN	N4CO	147.675 -	UNKN
GREENVILLE	WA4TTC	146.745 -	UNKN
HARLAN	WA4ZAC	147.105 +	UNKN
#JONATHAN CREK	N4SEI	146.985 -	UNKN
#LITCHFIELD	KB4NFK	147.225 +	UNKN
#MARION	KA4FGA	147.285 +	UNKN
#NEBO	AA4NI	146.730 -	UNKN
#NICHOLASVILLE	WB4LBI	146.990 -	UNKN
OWENSBORO	K4HY	147.210 +	UNKN
PRINCETON	W4KBL	146.670 -	UNKN
#PROVIDENCE	N4IUI	147.330 +	UNKN
220 MHZ			
PIKEVILLE	WB4F	224.580 -	UNKN
440 MHZ			
GLASGOW/CVCTY	KF4DC	444.250 +	UNKN
LOUISVILLE	N4ORL	442.000 +	UNKN
LOUISVILLE	KB4RYM	442.500 +	UNKN
MARION	KR4PF	444.200 +	UNKN
NEBO	AA4NI	444.850 +	UNKN

MISSISSIPPI UNKNOWN LIST

2 METERS			
GREENWOOD	KA5TQY	146.715 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
JACKSON	KB5KGE	145.390 -	UNKN
KOSCIUSKO	W5LWC	146.850 -	UNKN
LOUISVILLE	KC5QGC	147.360 +	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
#VICKSBURG	K5IMT	146.805 -	UNKN
440 MHZ			
JACKSON, EAST	AA5RZ	443.625 +	UNKN

N.CAROLINA UNKNOWN LIST

10 METERS			
BALD CREEK	N1BEC	29.660 -	UNKN
6 METERS			
ASHEVILLE	N4OOC	53.470 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN
SAURATOWN MT	N4QLX	53.210 -	UNKN
2 METERS			
AHOSKIE	WB4YNF	145.130 -	UNKN
ASHEVILLE/FLATTP	N4OOC	147.180 +	UNKN
BALD CREEK	N1BEC	147.045 +	UNKN
CROWDRS MT/GAST	WD4PLY	145.450 -	UNKN
FRANKLIN	W4GHZ	147.240 +	UNKN
GASTONIA/SPCR MT	W4REW	147.120 +	UNKN
KANNAPOLIS	N4JEX	147.300 +	UNKN
LELAND	N4CTJ	145.170 -	UNKN
220 MHZ			
BALD CREEK	N1BEC	224.120 -	UNKN
HENDERSONVILLE	N4UQS	224.960 -	UNKN
WILMINGTON	WB4KPF	224.680 -	UNKN
440 MHZ			
AHOSKIE	WB4YNF	444.200 +	UNKN
ASHEVILLE	KD4GEU	442.650 +	UNKN
BALD CREEK	N1BEC	444.875 +	UNKN
CHARLOTTE	KD4OWV	443.950 +	UNKN
CROWDERS MTN	KD4FRP	443.675 +	UNKN
GASTONIA/SPCR MT	WB4VTE	444.550 +	UNKN
KANNAPOLIS	N4JEX	443.250 +	UNKN
KANNAPOLIS	N4JEX	443.350 +	UNKN
SALISBURY	K0SD	444.575 +	UNKN
WHITAKER MTN	WA4QFV	444.325 +	UNKN

S.CAROLINA UNKNOWN LIST

2 METERS			
AIKEN	KY4S	145.170 -	UNKN
#CANADYS	WB4FOH	145.390 -	UNKN
COLUMBIA	WB4NEP	146.715 -	UNKN
COLUMBIA	N4EOY	147.360 +	UNKN
GREENWOD/HDGES	KB4CS	145.130 -	UNKN
INMAN	WD8OXE	145.150 -	UNKN
#ORANGEBURG	N4VMA	146.880 -	UNKN
SUMMERTON	N4LWY	145.150 -	UNKN
SUMTER/SHAW	W4VFR	147.060 +	UNKN
220 MHZ			
CHARLESTON	KA4NRL	224.180 -	UNKN
COLUMBIA	KC4SWI	224.640 -	UNKN
COLUMBIA	N4EOY	224.900 -	UNKN
CROSS	KB4VFD	224.580 -	UNKN
FLORENCE	N4JJ	224.940 -	UNKN
ORANGEBURG	KO4BR	224.780 -	UNKN
SUMTER	K4GYR	224.860 -	UNKN
SUMTER/SHAW	W4VFR	224.660 -	UNKN
WEST SPRINGS	KN4CW	224.440 -	UNKN
440 MHZ			
CHARLESTON	KD4PBC	444.950 +	UNKN
COLUMBIA	N4EOY	443.000 +	UNKN
FLORENCE	N4JJ	444.000 +	UNKN
GOOSE CREEK	N4CNN	421.250 +	UNKN
LEXINGTON	N4GUP	421.250 +	UNKN
SUMTER	K4GYR	444.500 +	UNKN

TENNESSEE UNKNOWN LIST

6 METERS			
GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN
2 METERS			
CHARLESTON	KD4LDU	147.060 -	UNKN
#KNOXVILLE	KD4CWB	147.000 -	UNKN
LAFOLLETTE	KA4OAK	145.130 -	UNKN
LAFOLLETTE	KA4OAK	147.360 +	UNKN
LAKE CITY	WB4OAH	146.820 -	UNKN
LEBANON	WB4DOR	145.390 -	UNKN
MCMINVL/SHT MT	WB4LHO	145.490 -	UNKN
MEMPHIS	KE4LFZ	146.730 -	UNKN
MEMPHIS	N4WAH	147.120 +	UNKN
MORRISTOWN	WB4OAH	147.225 +	UNKN
MURFREESBORO	WB4LHO	145.170 -	UNKN
NASHVILLE	K4AYN	147.045 +	UNKN
NASHVILLE	WB4NTM	147.360 +	UNKN
NASHVILLE W	WB4NTM	146.640 -	UNKN
NASHVILLE W	WB4NTM	146.670 -	UNKN
RIDGETOP	WD4FFM	145.290 -	UNKN
SAVANNAH	KF4SCT	146.910 -	UNKN
SHELBYVILLE	N4VFB	147.060 +	UNKN
SHORT MTN	W4YXA	146.910 -	UNKN
TRENTON	KN4KP	146.865 -	UNKN
WALLAND	KB4PIO	146.685 -	UNKN
220 MHZ			
CLEVELAND	KK4US	224.320 -	UNKN
LAFOLLETTE	KA4OAK	224.280 -	UNKN
MORRISTOWN	N4RBB	224.400 -	UNKN
NASHVILLE	WB4NTM	224.080 -	UNKN
NASHVILLE	WA4PCD	224.940 -	UNKN
SEVIERVILLE	N2FUV	224.440 -	UNKN
440 MHZ			
CHATT/MONTLAKE	MKD4UWA	444.875 +	UNKN
FRANKLIN	N4ULM	443.850 +	UNKN
JACKSON	WB7BOX	444.875 +	UNKN
MEMPHIS	N4WAH	444.500 +	UNKN
#MORRISTOWN	KD4LP	444.800 +	UNKN
NASHVILLE	KJ4ZQ	421.250 +	UNKN
NASHVILLE	WB4NTM	444.150 +	UNKN
1270 MHZ			
BARTLETT	N4WAH	421.250 +	UNKN
NASHVILLE	KD4EEW	439.250 +	UNKN

VIRGINIA UNKNOWN LIST

2 METERS			
NORFOLK	WA4ZUA	145.170 -	UNKN

W. VIRGINIA UNKNOWN LIST

2 METERS			
LEON	WD8OHX	147.180 +	UNKN
MORGANTOWN	K8LG	145.430 -	UNKN
SPENCER	WT8Z	147.105 +	UNKN
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN
220 MHZ			
#LEON	WD8OHX	223.780 -	UNKN
440 MHZ			
MORGANTOWN	K8LG	444.700 +	UNKN
WHEELING	N8EKT	444.975 +	UNKN

IMPORTANT NOTICE TO REPEATER OWNERS

DATASHEETS ARE TO BE MAILED OUT IN SEPTEMBER

SERA will mail out the 1999-2000 Repeater datasheets to all KNOWN repeater owners in the Southeastern eight SERA States sometimes after or during the month of September, 1999.

If you are a repeater owner, and did not received a datasheet last September 1998, chances are your name is not appropriately listed as the contact person for your repeater.

Please contact the SERA Director in your State and give him your name and address and pertinent repeater information to identify which repeater is yours. You will be listed as the person responsible for supplying data for your machine and datasheets will be mailed to you.

If you have a friend who was once contact person for yours or your club's repeater, but is no longer involved, don't expect him to pass the datasheet on to you. We find in most instances, this DOES NOT happen. You need to get the appropriate person listed to get the datasheets.

As mentioned in the other box on this page, no correspondence returned in the form of Datasheets for a period of 3 or more years automatically places a system listing in this "Unknown" listing.

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SERA REPEATER INDEX LISTINGS BY FREQUENCY

SUB-TONE ACCESS FREQUENCY, IF USED BY REPEATER, IS LISTED

10 METERS

29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
KC4XE WILKESBORO ..... NC
WB4IUY ZEBULON ..... NC
W4ZJM MEMPHIS ..... *# TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
N4NEQ ATL/MARIETTA ..... 118.8 GA
KK4CZ LOUISVILLE ..... KY
W4CAT GALLATIN/BNA ..... 107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON ..... WV
29.5600 / 29.6600
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
KQ7E SUMTER ..... SC
WA4YGM UNION CITY ..... TN
KE4QOX FANCY GAP ..... 123.0 VA
WA8YWO RICHWOOD ..... 100.0 WV
29.5800 / 29.6800
N4BZJ DALTON ..... GA
WW4DC THOMASVILLE ..... 88.5 NC
N8ITF SPRINGFIELD ..... 107.2 TN
KE4QOX BLUEFIELD ..... 107.2 VA

6 METERS

51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
52.5250 / 52.5250
WW4DC THOMASVILLE ..... 88.5 NC
52.0100 / 53.0100
WA4YNZ #ROSWELL ..... GA
KC4QK #ASHLAND ..... 107.2 KY
N5EKR ELLISVILLE ..... MS
K4GRW NEWPORT ..... NC
KE4QOX THOMASVILLE ..... 88.5 NC
N0WFL BLYTHEWOOD ..... SC
WM4T GRAY/HOLSTON MT ..... TN
WA4KOG MEMPHIS ..... TN
WA4BGK NASHVILLE ..... 114.8 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA
52.0300 / 53.0300
NA4I AUGUSTA ..... GA
K4ITL RALEIGH ..... NC
KF4FTD MORRISTOWN ..... TN
52.0500 / 53.0500
K5HYE MENDENHALL ..... MS
AB5MU NETTLETON ..... 192.8 MS
WA4PXV #GRANDFATHER MT ..... NC
N4JEH ROCKY MOUNT ..... NC
WA4BGK GALLATIN ..... 114.8 TN
52.0700 / 53.0700
WB4AEQ CARTERSVILLE ..... 123.0 GA
N4TPL MONTICELLO ..... 100.0 KY
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
WB4IUY ZEBULON ..... 88.5 NC
KB4MIC GUM SPRING ..... VA
52.0900 / 53.0900
KD4DKW ATL/MARIETTA ..... 118.8 GA
WB4PLA MARS HILL ..... NC
KF4IXW REELSBORO ..... 162.2 NC
KC4VHQ WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
W4GR LAWRENCEVILLE ..... 103.5 GA
N4XTF GASTONIA/CRWDR ..... NC
KD4BGD LUMBERTON ..... NC
WD4GYN OAK RIDGE ..... TN
KB4YKV AMELIA COURTHSE ..... VA
N8CQQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG ..... 107.2 KY
WA4FOT HENDERSONVILLE ..... 131.8 NC
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
WB4IOB KNXVL/ENG MT ..... TN
N8ITF SPRINGFIELD ..... 107.2 TN
N4CH BEDFORD/THAX MT ..... VA
52.1700 / 53.1700
N4RBT CLEVELAND ..... GA
WW4DC THOMASVILLE ..... 88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
KE4QOX LOGAN ..... WV
52.1900 / 53.1900
KN4AS LITTLE MOUNTAIN ..... 156.7 SC
WA4UCE COOKEVILLE ..... TN
W8WDK ALDERSON ..... WV
52.2100 / 53.2100
N1KDO MARIETTA ..... 79.7 GA
N4WWB GATE CITY ..... VA
K8WGB GASSAWAY ..... 123.0 WV
52.2300 / 53.2300
KD4JFN PITTSBORO ..... 107.2 NC
KQ4E MORRISTOWN ..... TN
52.2500 / 53.2500
KF4BMG MARIETTA ..... 79.7 GA
WA4PEN RALEIGH ..... NC
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS ..... 100.0 VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KA4UHL NANCY ..... 100.0 KY
N4DRL BYHALIA ..... MS
KC4GYM GILBERT ..... 162.2 SC
52.2900 / 53.2900
KE4PN PINE LOG MT. ..... 198.2 GA
KF4UAQ LOUISVILLE ..... KY
KF4SXO CHESTER ..... SC
WA4CQK FANCY GAP ..... 100.0 VA
52.3100 / 53.3100
KD4SQB ROAN MTN ..... TN
KB8TJH SHIRLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD ..... 88.5 GA
AD4CC HIGHLAND HEIGHTS ..... KY
N4ZHC CLINTON ..... NC
52.3500 / 53.3500
WR4BEG SOPHIA/RANDLMN ..... NC
K4VCM CHATTANOOGA ..... TN
NU5O MCNAIRY ..... 107.2 TN
52.3700 / 53.3700
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
52.3900 / 53.3900
KA4UFM DECATUR ..... GA
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG ..... 100.0 KY
KC4YOZ #RANLO ..... 107.2 NC
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND ..... 107.2 NC
KO4MZ GVL/CSR'S HEAD ..... 131.8 SC
52.4300 / 53.4300
KR4CC BOLINGBROKE ..... GA
WA4DBY LOUISVILLE ..... 151.4 KY
AD4DN WILMINGTON ..... 88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
N4GBO VESTA ..... 107.2 VA
52.4500 / 53.4500
KC5*IA LAUREL ..... MS
W4UNC CHAPEL HILL ..... NC
52.4700 / 53.4700
N4UOX DOUGLASVILLE ..... 88.5 GA
K4JYN PEARISBURG ..... 107.2 VA
52.5500 / 53.5500
N4OQJ KNOXVILLE ..... 100.0 TN
K4RDK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE ..... GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG ..... VA
52.5900 / 53.5900
KE4QOX KVILLE/HIPOINT ..... 156.7 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY ..... 107.2 WV
52.6300 / 53.6300
K4JWJ MT MITCHELL ..... 100.0 NC
WB8YST CHARLESTON ..... 107.2 WV
52.6500 / 53.6500
KC4SBJ ROCKY MOUNT ..... NC
KB4YFV WHITE TOP MTN ..... VA
52.6700 / 53.6700
WA4WRS BARIUM SPRINGS ..... NC
51.2000 / 53.7100
KE4QWN DRESDEN ..... 107.2 TN
52.7100 / 53.7100
WB8YST RICHWOOD ..... 107.2 WV
51.2200 / 53.7300
K4YC IVEY/MACON ..... 88.5 GA
52.7500 / 53.7500
W4YWH HIGHLAND HEIGHTS ..... KY
WA4PXV #WEST JEFFERSON ..... NC
K4GX #ROGERSVILLE ..... 114.8 TN
N8PEI MARMT/CHARLSTN ..... 141.3 WV
52.7700 / 53.7700
W4GL SUMTER ..... SC
52.8100 / 53.8100
WD4KNE #STANTON ..... KY
W4EBM FAYETTEVILLE ..... NC
52.8900 / 53.8900
KB0Y LAKE PARK ..... 141.3 GA
WA4OHX HAMPTON ..... VA
52.9300 / 53.9300
W4GMM MEMPHIS ..... 107.2 TN
52.9700 / 53.9700
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
52.5250 / 145.2100
N4ARK NASHVILLE ..... TN

2 METERS

144.6100 / 52.5250
N4AFK NASHVILLE ..... TN
144.5100 / 145.1100
N4MXC COCHRAN ..... 107.2 GA
KR4HV DOUGLASVILLE ..... 88.5 GA
KC4UPE LEESBURG ..... 192.8 KY
K5HYE MENDENHALL ..... 100.0 MS
KC5NIX OKOLONA ..... MS
W5WA PASCAGOULA ..... 123.0 MS
KB4TOH COLUMBIA ..... 131.8 NC
KR4RR ROBBINSVILLE ..... 151.4 NC
KD4MYE YOUNGSVILLE ..... 88.5 NC
WB4TWX FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
NQ4Y COOKEVILLE ..... TN
WM4T GRAY ..... 100.0 TN
KD4GCT JACKSON ..... TN
N4ARK NASHVLE/FAIRVIEW ..... TN
WA4CQK FANCY GAP ..... 100.0 VA
K4YPE RICHMOND ..... VA
N8RV FROST ..... WV
K8SA SALT ROCK ..... 110.9 WV
144.5300 / 145.1300
K4SEX NEWNAN ..... GA
WR4SG VALDOSTA ..... 141.3 GA
N4RBL LOUISVILLE AREA ..... 151.4 KY
KJ4VF MOREHEAD ..... KY
W4RNC RALEIGH ..... 88.5 NC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
N4SSB GALLATIN ..... 107.2 TN
KF4SCT MEMPHIS ..... 107.2 TN
N4VL GALAX/LKOUT MT ..... 103.5 VA
KB8EUN GLENVILLE ..... WV
144.55 0 / 145.1500
K8VE PHILIPPI ..... 103.5 WV
144.5500 / 145.1500
W4AQL ATLANTA ..... GA
K4YC IVEY/MACON ..... 77.0 GA
WB9SHH MONTICELLO ..... KY
AD4BI PIKEVILLE ..... 107.2 KY
K5LFP PICAYUNE ..... MS
K2IMO ELM CITY ..... 88.5 NC
W4GSO GREENSBORO ..... NC
KE4ZTD HATTERAS ISLAND ..... 131.8 NC
W4NHV #LUMBERTON ..... NC
W4RJC DECATUR-PONE KB ..... TN
W4XS FRANKLIN ..... TN
K0JXI MEMPHIS ..... TN
K4ARO GREENBAY ..... VA
KA4IXK RADFORD/RINER ..... VA
144.5700 / 145.1700
WA4DIW JONESBORO ..... GA
W8PRH HALLS GAP ..... KY
N5DWU PETAL ..... 136.5 MS
K4CCR ANDSN MT/DENVER ..... 88.5 NC
N4NCH CONCORD ..... NC
KF4SCT BRUCETON ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
WV8B BECKLEY/BOLT ..... 100.0 WV
144.5900 / 145.1900
WB0QGH LAWRENCEVILLE ..... GA
KB4SQI SALYERSVILLE ..... 127.3 KY
K5YD BOONEVILLE ..... MS
W5CJR HATTIESBURG ..... 136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BVW MT MITCHELL ..... NC
K4GWH RALEIGH ..... 156.7 NC
N0YVN COLUMBIA ..... SC
N4OTT CARTHAGE ..... TN
KD4XV JASPER ..... 127.3 TN
WB3R AMELIA ..... VA
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING ..... WV
144.6100 / 145.2100
KC4RRO EASTMAN ..... GA
WA4EPK FAYETTEVILLE ..... GA
W8PRH LEXINGTN/GRGTWN ..... KY
KB5IKR MENDENHALL ..... 100.0 MS
K4OLC HIGH PEAK MTN ..... 94.8 NC
WB4TQD TRENTON ..... NC
NS4SC LEXINGTON ..... SC
W4BBB KNOXVILLE/RACK ..... 100.0 TN
W2GLJ MEMPHIS ..... TN
N4ARK NASHVILLE ..... TN
W2MS KILMARNOCK ..... VA
N2EDE ROANOKE/POOR MT. ..... VA
WB8FEQ HUNTINGTON ..... WV
144.6300 / 145.2300
KB0Y CORDELE ..... 141.3 GA
KS4BS DALTON ..... GA
K4BR WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
KC5QYG MCLAIN ..... MS
KC5VZI #NEW ALBANY ..... MS
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL ..... 131.8 NC
W4BFB CHARLOTTE ..... NC
W4CAT LAVERNE ..... TN
KB4KIE MAYNARDVILLE ..... TN
KE4NTL RIPLEY ..... 100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS ..... 100.0 VA
N8FWL BECKLEY/OAK HILL ..... 100.0 WV
144.6500 / 145.2500
N4YYD CHATSWORTH ..... 71.9 GA
K4YC IVEY ..... GA
AD4YJ LEXINGTON ..... 110.9 KY
NC4FR GREENSBORO/LVLX ..... 88.5 NC
WA4USN CHARLESTON ..... 123.0 SC
K4USC UNION ..... SC
KT4WS CARLISLE ..... TN
N4WXS ERWIN/PINNACLE ..... TN
KD8XK BLUEFIELD ..... 100.0 VA
KQ4RH MONTPELIER ..... VA
144.6700 / 145.2700
KT4X SANDERSVILLE ..... 77.0 GA
KE4PN WALESKA/PNLGMT ..... 103.5 GA
N4KJJ PAINTSVILLE ..... KY
KD4BOH ROCKPORT ..... KY
N5NBG WALLS ..... 162.2 MS
KB5DZJ WIGGINS ..... 136.5 MS
K4ROK FARMVILLE ..... 131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
KM4AR MIDWAY ..... 77.0 NC
KC4GYM COLUMBIA ..... 127.3 SC
WB4WZK HENDERSONVILLE ..... TN
KD4CLA PIGEON FORGE ..... 100.0 TN
N8FMD BIRCH RIVER ..... 103.5 WV
144.6900 / 145.2900
W4IBM ATLANTA ..... GA
NA4I AUGUSTA ..... 100.0 GA
WR4MG PERRY ..... 107.2 GA
AC2DC LOUISVILLE ..... 151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
KO4XC CLAYTON ..... NC
WN3X COINJOCK ..... NC
KB4BPV #HIGH POINT ..... 88.5 NC
W4GS SURFSIDE BEACH ..... 91.5 SC
W4AM CHATTANOOGA ..... 67.0 TN
KF4ZQA ELIZTON/HOLS MT ..... TN
N4UTN RUSTBURG ..... VA
KA8ZXP GLENVILLE ..... WV
144.7100 / 145.3100
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
WB5GOJ CHATAWA ..... MS
KC4WPM BAKERSVILLE ..... NC
WD4IIP LEXINGTON ..... 88.5 NC
K4ITL ROSEBORO ..... NC
KD4KOJ BEAUFORT ..... SC
KT4DG CHESTER ..... SC
WA4PNI ATHENS ..... 141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE ..... 151.4 TN
KD4KWP CHESTERFIELD ..... 127.3 VA
N8FCJ BECKLEY/LAYLAND ..... 100.0 WV
KB8TJH SHIRLEY ..... WV
144.7300 / 145.3300
KF4ODQ EASTMAN ..... 77.0 GA
WA4OGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
KF4INN VERSAILLES ..... KY
N4DRL BYHALIA ..... MS
KK4YP GOLDSBORO ..... 100.0 NC
N4VRD MOUNT AIRY ..... 100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON ..... WV
144.7500 / 145.3500
W4DOC ATLANTA ..... 146.2 GA
W4GTA LOOKOUT MTN ..... 100.0 GA
KD4MFS NEWNAN ..... GA
AI4HB RADCLIFF ..... 173.8 KY
KD4DAX WILLIAMSBURG ..... KY
KA5WMH OLIVE BRANCH ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE ..... 131.8 NC
KE4OVN DRESDEN ..... 107.2 TN
WD4JYD NOLENSVILLE ..... TN
N4AZJ BLAND ..... 103.5 VA
KF4LWH SOUTH BOSTON ..... VA
W8GK CHARLESTON ..... 91.5 WV
W8SP FAIRMONT ..... 103.5 WV
144.7700 / 145.3700
AA4UA AUGUSTA ..... GA
KB4IZF JASPER ..... 100.0 GA
W4BKM MACON ..... GA
KE4YVD RICHMOND ..... 192.8 KY
K5IJX HATTIESBURG ..... 136.5 MS
N5PYQ SOUTHAVEN ..... 107.2 MS
N4AGN N. WILKESBORO ..... NC
N4NCK OXFORD ..... NC
K4PPD SHALLOTTE ..... NC
KB4KIE KNOXVILLE ..... TN
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... 100.0 VA
KC4RBA LYNCHBURG ..... VA
N8TNB BECKLEY/EOC ..... WV
K8VNQ PARSONS ..... 118.8 WV
144.7900 / 145.3900
K4HYB GRIFFIN ..... 88.5 GA
WF4N #CENTRAL CITY ..... KY
N4EQT LAWRENCEBURG ..... 107.2 KY
WD8IFH SO. PORTSMOUTH ..... KY
N4ZVM MONROE/UCARS ..... NC
K4ITL ROANOKE RAPIDS ..... 118.8 NC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
K4ARO ROANOKE/POOR MT ..... 107.2 VA
WD8EOM WESTON ..... WV
144.8100 / 145.4100
W4PME ATLANTA/BELL ..... 100.0 GA
NA4I AUGUSTA ..... GA
WR8CRA #COVINGTON ..... KY
WA4MXO JACKSON ..... KY
KC5IF PIBERVILLE ..... MS
N4XO HIGH POINT ..... NC
K4SER WILLIAMSTON ..... 131.8 NC
W4WBT #ROCK HILL ..... SC
N4VIH DOVER ..... TN
WB4NKM GREENEVILLE ..... TN
K5FE MEMPHIS ..... 107.2 TN
NQ4Y MONTEAGLE ..... 114.8 TN
KF4ADM WILLIAMSBURG ..... 127.3 VA
N8FHE BUCKHANNON ..... WV
WV8AR LIBERTY ..... 123.0 WV
W8IIT UNION ..... WV
144.8300 / 145.4300
K4LCI ATLANTA ..... GA
KA4EIM JESUP ..... GA
AA4RI MACON ..... GA
KA5BEE GLOSTER ..... 136.5 MS
KU4W RAEFORD ..... 118.8 NC
K4QFQ SPARTA/GREEN MT ..... NC
KF4GHC GILBERT ..... 156.7 SC
KB4YTU BROWNSVILLE ..... TN
KF4SCT BUCKSNORT ..... 107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN
AD4OV COEBURN ..... 103.5 VA
W4SQT RICHMOND ..... VA
144.8500 / 145.4500
W4BOC DECATUR ..... GA
KC4TX LEXINGTON ..... KY
WX5P FULTON ..... MS
N5ZQC SHARON ..... 100.0 MS

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WR4AGC DURHAM ..... NC
K4GRW NEWPORT ..... NC
WD4EOG CLEMSON UNIVERSI ..... SC
N7GZT ORANGEBURG ..... 91.5 SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT ..... 127.3 TN
AA4HQ SALUDA ..... VA
N8LGY GRANTSVILLE ..... 103.5 WV
WB8SXZ WELCH ..... WV

144.8700 / 145.4700
KD4HMH BONAIRE ..... GA
KF4UM RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN ..... KY
KF4ZTB HUEYSVILLE ..... 79.9 KY
WA4WMM MAYSVILLE ..... KY
KF4SCT OXFORD ..... 107.2 MS
W4OIX KINSTON ..... NC
W4NC SAURATOWN MT ..... 100 NC
KN4RG GAFFNEY ..... 141.3 SC
KI4CB MYR BCH/CONWAY ..... 179.9 SC
WB4GBI KNOXVILLE ..... TN
KF4RBR MOUNTAIN CITY ..... 103.5 TN
N4ARK NASHVILLE ..... TN
N4ZOM SOUTH HILL ..... VA
W8FG SUMMERSVILLE ..... 100.0 WV

144.8900 / 145.4900
W4DV AUGUSTA ..... GA
KA4WUJ CORDELE ..... 103.5 GA
W4LMA MARIETTA ..... GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY GIBSONVILLE ..... 107.2 NC
W4BWC RALEIGH ..... 88.5 NC
W4APE CHERAW ..... SC
WA4KOG BRADEN ..... TN
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV

146.0100 / 146.6100
W4CVY COLUMBUS ..... GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
KC5QZW LAUREL ..... MS
WD4JMS NEW BERN ..... 100.0 NC
WB4TOP RALEIGH ..... 131.8 NC
KC4WIF ELLOREE ..... 118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
WA4YSE CHESAPEAKE ..... VA
WA4WKQ LYNCHBURG ..... 136.5 VA
WB8MZI GASSAWAY ..... WV

146.0250 / 146.6250
N4UJT ELBERTON ..... GA
K4ULW WEBSTER ..... 151.4 KY
KC5ULN COLUMBUS ..... MS
KE5WO PORT GIBSON ..... MS
N4WET BANNER ELK/SUGAR ..... NC
K4USB BUXTON ..... 131.8 NC
KI4RR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
KF4TNP CORNERSVILLE ..... 107.2 TN
WB4GBI KNOXVILLE ..... 100.0 TN
N4ABU MARTIN ..... TN
WV8B FLAT TOP/WINTRPL ..... 100.0 WV

146.0400 / 146.6400
W4FWD CARROLLTON ..... 131.8 GA
AE4PO WAYCROSS ..... 141.3 GA
WA4UXJ CANE VALLEY ..... KY
WA4YZY #PINEVILLE ..... 100.0 KY
K5XU MADISON ..... MS
WB5NAY MOOREVILLE ..... MS
WB4YAO HENDERSONVILLE ..... NC
W4DW RALEIGH ..... 88.5 NC
W4NC WINSTON-SALEM ..... 100 NC
KA4QYI HARRIMAN ..... 100.0 TN
WB4KQQ MEMPHIS ..... TN
W4WIC FINCASTLE ..... VA
N4QLF MARION ..... 103.5 VA
WB4QEY RICHMOND ..... VA
WB8ZZR HUNTINGTON/CHAS ..... WV

146.0550 / 146.6550
N4NFP ATLANTA/MARIETTA ..... 118.8 GA
W4WSM BOWLING GREEN-SO ..... KY
WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
KC5ZZH MERIDIAN ..... MS
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY ..... NC
KD4KOJ BEAUFORT ..... SC
KD4AOK BROWNSVILLE ..... TN
KM4ME LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS ..... 123.0 WV
N8SNW IAEGER ..... WV

146.0600 / 146.6600
W4BKM MACON ..... GA

146.0700 / 146.6700
W4ABP GAINESVILLE ..... 131.8 GA
KF4SJO HAZARD ..... KY
K5DGL NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
WA4BKU FOREST CITY ..... NC
AD4DN WILMINGTON ..... 88.5 NC
AD4U ST. MATTHEWS ..... 156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE/WMT ..... TN
K4HZS DUBLIN ..... VA
K4RC WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV

146.0850 / 146.6850
WD4IWL ADAIRSVILLE ..... GA
KB4KZY FAYETTEVILLE ..... GA
KE4ISR LEXINGTON ..... KY
KE4FNM OWENSBORO ..... 110.9 KY
W5KHB NATCHEZ ..... MS
W4NBR GRIFTON ..... 88.5 NC
KE4WSX STATESVILLE ..... NC
K4USC UNION ..... SC
WA1ZMS BEDFORD/APL ORCH ..... 100.0 VA
N8FMD CLARKSBURG ..... 103.5 WV
WB8NAM DANVILLE ..... WV

146.1000 / 146.7000
W4MM ALBANY ..... GA
W4COM JASPER ..... GA
KD4BWK LAGRANGE ..... 141.3 GA
WB4DOJ MILLEDGEVILLE ..... 67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS ..... 151.4 KY
KF4JO GRAYSON ..... KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE ..... 167.9 NC
N4CIB DUNN ..... NC
W4PAX LANCASTER ..... SC
KF4FOF PICKENS ..... SC
KF4BVQ ANDERSON CTY ..... 100.0 TN
W4UOT MANCHESTER ..... 114.8 TN
WB4MMI RAMER ..... 107.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILLE/WHT OAK ..... 107.2 VA
KF8PT NORFOLK ..... VA
KK4QS WILLIAMSTON GAP ..... VA
KD4WWF STAUNTON ..... 131.8 VA

146.1100 / 146.7100
KF4FO HOPKINSVILLE ..... KY

146.1150 / 146.7150
K4NVG LAVONIA ..... 100.0 GA
W4ABZ RINGGOLD ..... 67.0 GA
KI4B BEREA ..... KY
KD4JFN HAW RIVER ..... 107.2 NC
N4GGN MILLERS CREEK ..... NC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
KA4DZU WALKERTON ..... VA
KD8GL SHERRARD ..... WV

146.1300 / 146.7300
W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT ..... GA
K4TVE BRUNSWICK ..... GA
AC4AO LEXINGTON ..... KY
KC5IF BILOXI ..... MS
KD5GVU STARKVILLE ..... 210.7 MS
W4BWC RALEIGH ..... 88.5 NC
W4EXU SALISBURY ..... 94.8 NC
W4VNK WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WD4BJY SIMPSONVILLE ..... SC
WB4IOB KNXVL/ENG MT ..... TN
WA4KPA WATERTOWN ..... 100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG ..... 100.0 WV

146.1450 / 146.7450
WA4BKF ATHENS ..... GA
KD4RTR MILLARD ..... 141.3 KY
KC4QPR MORGANTON ..... NC
NN4N DILLON/PEE DEE ..... SC
WB4RCK DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN
K4ROA ROANOKE/POOR MT ..... 107.2 VA
WF8U PARKERSBURG (OH) ..... WV

146.1600 / 146.7600
KS4QA LOOKOUT MTN ..... 67.0 GA
W4BOC STONE MT ..... 107.2 GA
KF4BJM VALDOSTA ..... 141.3 GA
K4KJQ LEXINGTON ..... KY
K4CUW PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
K4GWH GREENSBORO ..... 88.5 NC
KO4S SWANSBORO ..... NC
WB4THL WILSON ..... NC
K4ESG MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE ..... 114.8 TN
WA4TFZ CHARLOTTESVILLE ..... 88.5 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON ..... WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV

146.1750 / 146.7750
N4NFP MARIETTA ..... 118.8 GA
KB4NA WRKNS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
W5CJR HATTIESBURG ..... 136.5 MS
NC4SU RALEIGH ..... 88.5 NC
K4JYH SOUTHPORT ..... NC
KF4GHC FORT JACKSON ..... 156.7 SC
KF4SQT FRUITLAND ..... 107.2 TN
W4JVO PULASKI/MUSIC MT ..... TN
WB3T WYTHEVILLE ..... 107.2 VA
KB8BWZ ELKINS ..... WV

146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
K4SEX #NEWNAN ..... GA
W4YWH HIGHLAND HEIGHTS ..... KY
KA4UHL NANCY ..... 100.0 KY
K5TYP BILOXI ..... MS
K4OAR CLINTON ..... NC
KK4AT SAURATOWN MT ..... 107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS ..... 107.2 TN
W4SQE NASHVILLE ..... TN
N4SD CHESAPEAKE ..... VA
NM8T OAK HILL ..... WV

146.2050 / 146.8050
K4PDQ MACON ..... 77.0 GA
KA4NNE GUTHRIE ..... KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE ..... 192.8 MS
N4EWG FAYETTEVILLE ..... NC
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT ..... 118.8 NC
KF4ATJ ORANGEBURG ..... 156.7 SC
W4EYJ CROSSVILLE ..... TN
WB4VXX #LEWISBURG ..... TN
KB6BUL SELMER ..... 127.3 TN
WA4HTI COVINGTON ..... VA
W4ML MECHANICSVILLE ..... VA

147.4050 / 146.8050
KC4AQS JASPER ..... 100.0 GA
W4DJB CANTON ..... NC
KU4RK CLAYPOOL HILL ..... 103.5 VA

146.2200 / 146.8200
W4MM ALBANY ..... GA
W4DOC ATLANTA ..... 146.2 GA
K4HVK KIBBEE ..... GA
W4CMR IRVINE ..... 192.8 KY
K5HYE MAGEE ..... 100.0 MS
WB4PZA ROARING GAP ..... NC
K4GMP WILMINGTON ..... 88.5 NC
W4IVK GRNVLE/PARIS MT ..... SC
W4BS MEMPHIS ..... TN
AB4SW WINCHESTER ..... TN
N4RAG BLACKSTONE ..... 131.8 VA
N4WWB GATE CITY ..... VA
WB8IFS CHARLESTON ..... WV

146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KC4ZOX SALVISA ..... 192.8 KY
WB4PLA #ASHEVILLE ..... NC
W4PCN NAGS HEAD/BODIE ..... NC
W4IUSH WINSTON-SALEM ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN ..... 100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
N4UTN RUSTBURG/LONG MT ..... 173.8 VA

147.4350 / 146.8350
N4KHQ DAHLONEGA ..... 100.0 GA
N4NNR HIGH POINT ..... NC

146.2500 / 146.8500
W4RPO DALLAS ..... GA
KE4WAQ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE ..... 103.5 MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
KE4YVP REIDSVILLE ..... 103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH BIG COVE MTN ..... 127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE ..... 114.8 TN
W4POX PORTSMOUTH ..... 100.0 VA
WA4ZBP STAUNTON ..... 131.8 VA
W8WDK BECKLEY/FLAT TOP ..... WV
N8ZAR BUCKHANNON ..... WV

146.2650 / 146.8650
WB4DKY MADISON ..... 179.9 GA
KM4OF OWENSBORO ..... KY
KG4AEU RICHMOND ..... KY
KD4HLH LAURENS ..... 107.2 SC
KF4DPU CROSSVILLE ..... TN
KC4UBU NORTON ..... 103.5 VA

147.4650 / 146.8650
N5DWU ELLISVILLE ..... 136.5 MS
KB4YSX MURPHY/STALCUP ..... 151.4 NC
WA4ZRS WAXHAW ..... 94.8 NC
WZ8E MOUNTAIN LAKE ..... 110.9 VA

146.2800 / 146.8800
W4BTI MARIETTA/ATLANTA ..... 100.0 GA
WA4NKL QUITMAN ..... GA
W4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET ..... KY
K5QNE JACKSON ..... 100.0 MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND ..... VA
WA4V SALEM ..... VA
WB8CQV SO. CHARLESTON ..... WV

146.2950 / 146.8950
WA4RBS HARTWELL ..... 100.0 GA
N3SM MACON ..... 123.0 GA
K4JBV FLORENCE ..... 100.0 KY
KA4BLZ LYNN GROVE ..... 210.7 KY
W4APE PAGELAND ..... SC
KF4HNV CROSSVILLE ..... 118.8 TN
WD4EGD DANDRIDGE ..... TN
N4RAG CHARLOTTESVILLE ..... 131.8 VA
WA4KVV VIRGINIA BEACH ..... VA
WB3T WYTHVL/WALKR MT. ..... 103.5 VA

147.4950 / 146.8950
WD4LUQ DALLAS ..... 77.0 GA
KC4KZT DORTON ..... 141.3 KY
N5DWU ELLISVILLE ..... 136.5 MS

146.3000 / 146.9000
WB4WVH IRVINGTON ..... KY

146.3100 / 146.9100
WB4HIG C;EV;MD/LONG MT ..... GA
K4HYB GRIFFIN ..... GA
K4GFY MOREHEAD ..... 123.0 KY
KS4TO WADDY ..... 107.2 KY
K5VV HERNANDO ..... MS
K5OOM NATCHEZ ..... MS
WA4ZGQ #HOSKIE ..... 131.8 NC
W4MOE ASHVL/SPIVEY MT ..... 91.5 NC
WB4YZF FAYVLLE/CFARS ..... 100 NC
K4IZM LEXINGTON ..... NC
W4BWZ WHITE HALL ..... SC
KC4ROG KNOXVILLE ..... TN
N4RKM FARMVILLE ..... VA
K4TUE MT.LAKE/BALD KNB ..... 107.2 VA
N8BQ MCMECHEN ..... WV

146.3250 / 146.9250
WA4ASI COVINGTON ..... GA
W4BEJ RADCLIFF ..... KY
WB5VOJ CORINTH ..... 107.2 MS
W4APE BISHOPVILLE ..... SC
W4GZX CLEVELAND ..... TN
WA4TLZ CUMBERLAND CITY ..... 127.3 TN
WD4OBW JONESBOROUGH ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
WB4GJG DANVILLE(DCC) ..... 104.2 VA
WD8OGY PRINCETON/PIPEST ..... WV

146.3400 / 146.9400
KT4N AUGUSTA ..... GA
W4VO ROME/MT. ALTO ..... GA
WA4RVB WRIGHTSVILLE ..... GA
KA4OIL ASHLAND ..... KY
KY4X GLASGOW ..... 114.8 KY
K4MSU MURRAY ..... KY
KB5DWX AMORY ..... 192.8 MS
KA5SBK JACKSON ..... 100.0 MS
K5JMD MCCOMB ..... MS
W4DLH BURGAW ..... NC
WA4IZG BUTNER ..... 156.7 NC
W4BFB CHARLOTTE ..... NC
W4ACY MANTEO/WANCHES ..... NC
AD4T MOUNT AIRY ..... 100.0 NC
KF4CDR GOOSE CREEK ..... 123.0 SC
W4IOQ GREENVILLE ..... 7 SC
WB4GBI KNOXVILLE ..... TN
W4BSM MEMPHIS ..... 107.2 TN
K4UMI HAMPTON ..... VA
W4ZA RICHMOND ..... VA
N4AP ROANOKE ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV

146.3550 / 146.9550
K5PRE BLAIRSVILLE ..... GA
KD4WQU #MONROE ..... GA
WR4MG PERRY ..... 107.2 GA
KF4BRO FLEMINGSBURG ..... 107.2 KY
N5EKR ELLISVILLE ..... MS
KC5OB ISOLA ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE ..... 114.8 TN
WZ8E BLUEFIELD/ONEIDA ..... 100.0 VA

146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
KI5FW MERIDIAN ..... 100.0 MS
N5PH PASCAGOULA ..... MS
N5EYM WINONA ..... MS
N4XRY MOUNT AIRY ..... NC
K4WGG SMITHFIELD ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4RWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH) ..... WV

146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY

146.3850 / 146.9850
K4KNS AUGUSTA ..... GA
KC4ZGN ELLIJAY/TALONA M ..... 77.0 GA
KN4FE WARM SPRINGS ..... GA
N5LRQ COLLINS ..... 136.5 MS
KB5DMT SENATOBIA ..... MS
K4OGB ALBEMARLE ..... NC
WD4PVE MARION ..... 118.8 NC
KC4PRD NASHVILLE ..... TN
KK4MW #CLINCHCO ..... 103.5 VA
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV

146.4000 / 147.0000
K5UFH CORINTH ..... MS
N5DXM WATER VALLEY ..... MS
WD4FVO JACKSONVILLE ..... NC
N0WFL BLYTHWOOD ..... SC
W4YLT MARION ..... SC
WB4YXZ PICKENS ..... SC
WA4HMT SUFFOLK ..... 100.0 VA
K8WMX ST ALBANS ..... WV

147.6000 / 147.0000
WW4T BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
KC5ULN COLUMBUS ..... MS
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE ..... 88.5 NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE ..... TN
W4ZJM MEMPHIS .....*# TN
KD8ZR TERRA ALTA ..... WV

146.4150 / 147.0150
N4GIS CARTERSVILLE ..... GA
N4YSB YADKINVILLE ..... NC
AB4M LYNCHBURG .....131.8 VA
K4AXO NORTON/HIGH KNOB.....88.5 VA

147.6150 / 147.0150
KM4DT BONAIRE .....82.5 GA
KF4UM HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
KF4OGO LINCOLNTON ..... NC
KD4MYE RALEIGH ..... NC
KJ4ZQ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
KF5SCT UNION CITY .....107.2 TN
AA8TH RICHWOOD ..... WV

146.4300 / 147.0300
WV5D LAUREL ..... MS
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA

147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE .....103.5 KY
W4PJZ LOUISVILLE .....151.4 KY
W5LDD OCEAN SPRINGS ..... MS
W4GG GREENSBORO .....131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KF4CVO BARNWELL .....156.7 SC
K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV

146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL .....151.4 NC

147.6450 / 147.0450
KE4ZRT DOUGLAS .....141.3 GA
KD4AOZ WATKINSVILLE ..... GA
KJ4VF GRETHEL ..... KY
KE4OOS PARIS .....141.3 KY
KB5LCL POLKVILLE .....141.3 MS
KC4DBZ #COOL SPRINGS ..... NC
W4NHV LUMBERTON ..... NC
WD4OZN BOLIVAR ..... TN
N2UP LIVINGSTON ..... TN
KE4CKJ STAUNTON/EL. KB .....131.8 VA
WA4SBC VIRGINIA BEACH ..... VA

146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV

147.6600 / 147.0600
WA4DDI MACON ..... GA
N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN .....156.7 KY
W4NJA PADUCAH ..... KY
AF4ME SAND GAP .....100.0 KY
N5OCF RICHTON ..... MS
WA4LED MACO .....88.5 NC
KB4UG GRNVLE/VIKING MT ..... TN
WA4MQQ MEMPHIS ..... TN
WB4VWR ENON .....107.2 VA
N8ZAR BUCKHANNON .....123.0 WV

147.6700 / 147.0700
N4NMC LOUISVILLE .....151.4 KY

146.4750 / 147.0750
NM8T SMITHERS ..... WV

147.6750 / 147.0750
W4GR LAWRENCEVILLE .....82.5 GA
WB4CJB PEMBROKE ..... GA
N4TLP OWINGSVILLE ..... KY
NC5Y JACKSON ..... MS
K4CCR NEWTON .....88.5 NC
KD4JFN PITTSBORO .....107.2 NC
KT4BU EASTOVER .....156.7 SC
WQ4E GREENBRIER .....107.2 TN
WB4GBI KNOXVILLE ..... TN
KF4SCT MCNAIRY .....107.2 TN
AD4ZK NORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN .....103.5 WV

147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON .....179.9 GA
K2YRW #YOUNG HARRIS ..... GA
KF4CWK DAWSON SPRINGS .....103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN AMORY ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KF4ATU ORANGEBURG .....156.7 SC
K4JLA SPARTANBURG ..... SC
AD4QG EVA ..... TN
K4NLP JAMESTOWN .....100.0 TN
W4GMM MEMPHIS .....107.2 TN
W4BRC GALAX/BRIRP MT ..... VA
N4TZE GOOCHLAND ..... VA
N4RAG MARLINTON .....131.8 WV

146.5050 / 147.1050
KE4GUA NO. COLUMBIA .....156.7 SC

147.7050 / 147.1050
WB6RTH ATLANTA .....77.0 GA
NC4D STATESBORO ..... GA
N4EQT FRANKFORT .....107.2 KY
K9ZK #HAWESVILLE ..... KY
KB5SAR WAYNESBORO ..... MS
K4ITL BROADWAY ..... NC
WA4KNI HENDERSONVILLE ..... NC

KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON .....100.0 TN
WB4JBJ BEDFORD ..... VA

147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
KT4N #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
WN4Z ROCKY MOUNT .....131.8 NC
W4GSS MYRTLE BEACH ..... SC
W4GGM COLUMBIA ..... TN
K4EAJ OAK RIDGE .....82.5 TN
WB8POC PATRICK SPRINGS .....107.2 VA
WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV

147.7350 / 147.1350
N4BZJ DALTON .....100.0 GA
KB0Y LAKE PARK .....141.3 GA
K4FRM MILLEDGEVILLE .....123.0 GA
KE4SZK FRANKLIN .....136.5 KY
KB5UIX VOSSBURG .....136.5 MS
K4HXZ BREVARD ..... NC
WA4US WILMINGTON .....67.0 NC
KF4GPE CHESTERFIELD ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG .....100.0 VA
KC4VDZ RICHMOND .....107.2 VA
KE8MR DAVIS .....103.5 WV

147.7500 / 147.1500
K4BYK CUMMNG/SAWNE MT ..... GA
KA9KOP #LOUISVILLE ..... KY
KI5WI BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO .....88.5 MS
K4VLY MORGANTON ..... NC
WB4TQD RALEIGH ..... NC
WD4NUN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST .....114.8 TN
K4EAJ OAK RIDGE .....82.5 TN
KB4RFN CLINCHCO .....88.5 VA
WA8YWO RICHWOOD .....100.0 WV

147.7550 / 147.1550
KF4XH #MACON ..... GA
N4NEQ MORGANTON ..... GA
WD4LYT TYRONE .....88.5 GA
W4WSM BOWLING GREEN ..... KY
W4AHBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY
W4UA HIGH POINT ..... NC
KD4PBK LUMBERTON .....88.5 NC
W4GWD GREENWOOD .....107.2 SC
KF4BRS ERWIN/UNICOI ..... TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE .....123.0 TN
W8CXD FOREST .....114.8 VA
W4CM NEWPORT NEWS ..... VA
WC8K WESTON ..... WV

147.7800 / 147.1800
N4BMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS ..... GA
K4LRX HENDERSON .....141.3 KY
KE4ZJJ LONDON .....151.4 KY
W4CN LOUISVILLE ..... KY
K5LFP PICAYUNE ..... MS
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND .....156.7 NC
AC4RC WILMINGTON .....88.5 NC
W4DXA #FORT MILL ..... SC
WA4HNK SUMMERVILLE .....123.0 SC
WD4DES CLEVELAND .....118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE .....114.8 TN
KB4YKV AMELIA COURTHSE ..... VA
WD4ITN MONTEREY ..... VA
WB3S PKS KB/PULASKI .....103.5 VA

147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KJ4VF LEXINGTON ..... KY
KA5FYW SUMRALL ..... MS
N4NIN #LENOIR ..... NC
KO4CW RALEIGH .....88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE .....100.0 TN
N8ITF #ORLINDA ..... TN
WA4RTS LYNCHBURG .....136.5 VA
KF4ADJ SMITHFIELD .....100.0 VA
NV8H LOGAN SOUTH .....100.0 WV

147.8100 / 147.2100
KF4GHF CONYERS .....162.2 GA
K4LNX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN .....103.5 NC
N5SPJ UNION .....100.0 MS
W4BUZ GREENSBORO ..... NC
W4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
N4WS COOKEVILLE ..... TN
WF4Q JACKSON .....107.2 TN
KB8NJH AMBER RIDGE .....107.2 WV
N8FMD CLARKSBURG .....103.5 WV

147.8250 / 147.2250
W4RLP SUMMERVILLE ..... GA
W4CMR #IRVINE ..... KY
N4DRL BYHALIA ..... MS
W5BJT #FRENCH CAMP ..... MS
WR4AGC HILLSBOROUGH ..... NC
W4DTW SANTEE ..... SC
KC4VHQ WAVERLY ..... TN
KC4VHQ WAVERLY ..... TN
KA4VXR HAMPTON .....136.5 VA
WB8NRK PRINCETON .....114.8 WV

147.8400 / 147.2400

AE4JO EMERSON .....103.5 GA
WB4NFG IRWINTON .....77.0 GA
KC4QK ASHLAND .....107.2 KY
W4GZ FARMINGTON ..... KY
KC4AI FRANKFORT .....100.0 KY
KF4TLT HYDEN .....186.2 KY
N5ELS TUPELO ..... MS
W2SE CARTHAGE ..... NC
W4SIJ FOREST CITY .....123.0 NC
W4ILN HILTON HEAD ..... SC
AC4VT LANCASTER .....88.5 SC
W4LKZ GALLATIN .....114.8 TN
KD4ZTK BOYDTON ..... VA
N4AMG ELK CRK/IRON MTN .....107.2 VA

147.8550 / 147.2550
WD4KDT STONE MTN ..... GA
AE4PO WAYCROSS .....141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HEIGHTS.....123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC/MT ..... NC
W4RRC LEESVILLE .....123.0 SC
KJ4SI PETROS/FRZ HD MT .....94.8 TN
K4BW ACCOMAC .....156.7 VA
WD4CYZ #CLINCHCO ..... VA
KC8CNL HINTON .....100.0 WV
WA8LLM PARKERSBURG ..... WV

147.8700 / 147.2700
WA1KMS COVINGTON .....127.3 GA
WB4EJK LOUISVILLE .....151.4 KY
KE4AIE ST. CHARLES ..... KY
WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG .....100.0 MS
W4QO CHARLOTTE ..... NC
AK4H RALEIGH BENSON ..... NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WA4YQC GALLATIN .....114.8 TN
WB0TMC JACKSON ..... TN
KE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POOR MT ..... VA
WV8AR SCOTT DEPOT .....123.0 WV

147.8850 / 147.2850
WA4VBX ATLANTA/GPCO ..... GA
W4PVW CHULA .....103.5 GA
KC4WWU KINGSLAND .....118.8 GA
KC4ZFH LONDON ..... KY
KB5TGA CORINTH ..... MS
N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
W4RCW #WHITE OAK MTN ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE .....107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HON SPRUCE KNOB ..... WV

147.9000 / 147.3000
N4ALE COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS .....107.2 GA
K4ICN ALLEN .....123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
KK4X JEFFERSON .....103.5 NC
W4MZP RED SPRINGS ..... NC
WA4UQC WILSON .....88.5 NC
K4LWS AWENDAW .....103.5 SC
W4CAT GALLATIN .....114.8 TN
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4ADT MEMPHIS .....107.2 TN
K4SPS FRANKLIN .....131.8 VA
KI4ZR LEXINGTON ..... VA
WB8NSL HARISVL/PENSBRO ..... WV

147.9150 / 147.3150
KR4KS #NORTH ATLANTA .....100.0 GA
KC4TX #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
K4MPJ SAURATOWN MT .....100.0 NC
K4PPD SHALLOTTE ..... NC
N4UZT N. SPARTANBURG .....141.3 SC
KD4HZN ROGERSVILLE .....114.8 TN
N4ARK #SPARTA .....123.0 TN
KT4EQ TELLICO PLAINS ..... TN
K4HWQ GRUNDY ..... VA

147.9300 / 147.3300
W3LAP COCHRAN .....77.0 GA
K4NLX SAVANNAH ..... GA
KA4DIP TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW BOWLING GREEN ..... KY
WD4KNE #MT. STERLING ..... KY
N5EPP PHILADELPHIA ..... MS
W4LPL FAYVLLE/FT BRAGG ..... NC
KN4K LENOIR/HIBRITN .....141.3 NC
KF4GHC COLUMBIA .....156.7 SC
WD4ORB MORGAN COUNTY .....82.5 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA

147.9450 / 147.3450
N4NEQ ATLANTA/MARIETTA .....118.8 GA
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4IXW MADISON .....103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SYLVA .....151.4 NC
WA4TEP WASHINGTON ..... NC
N7GZT ADAMS RUN (CHAS)..... SC
K4UVH CROSS PLAINS ..... TN
K4PHT DAYTON ..... TN
NM4L ABINGDON .....103.5 VA
N4WAO EASTVILLE .....156.7 VA

W3RUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV

147.9600 / 147.3600
W4SCR DOUGLASVILLE .....88.5 GA
W4AHZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
W5CJR HATTIESBURG ..... MS
K5SVC NATCHEZ ..... MS
WA4J BOONE/RICH MTN .....103.5 NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
W4BS MEMPHIS .....107.2 TN
K4KLX PARIS ..... TN
KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY .....123.0 WV
KC8GXI MIDDLEBOURNE .....110.9 WV

147.9750 / 147.3750
K4TQU ATHENS/CRAWFRD ..... GA
KB4VAK LAFAYETTE .....77.0 GA
N4TPL MONTICELLO .....100.0 KY
K4CO WALTON ..... KY
KA5VFU GULFPORT ..... MS
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM .....114.8 NC
KC4UMO #GREENVILLE ..... NC
KI4CB GEORGETOWN .....179.9 SC
K4LEO #GREENWOOD ..... SC
KN4HL DICKSON ..... TN
W4NRV PEARISBURG .....100.0 VA
W4NV VIRGINIA BEACH ..... VA
WD8LNB GRAFTON ..... WV

147.9900 / 147.3900
W4MMQ HELEN ..... GA
W4OHH THOMASTON ..... GA
KE4INT BARBOURVILLE .....107.2 KY
WR8CRA COVINGTON ..... KY
KF4TOL CRESTWOOD .....151.4 KY
N8QCW LOUISA .....186.2 KY
KC5QHP FOREST .....100.0 MS
WA4CHZ AQUADALE ..... NC
WB4IUY CLAYTON .....88.5 NC
WA4QBG EDEN/STONEVILLE ..... NC
K4PPD SHALLOTTE ..... NC
KE4JMH WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L #CLARKSVILLE ..... TN
K4DPD DAYTON/RHEA CTY ..... TN
KQ4E #MORRISTOWN ..... TN
WA4BJY OAKFIELD ..... TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER .....123.0 WV
WV8D LEWISBURG .....100.0 WV
WD8CYV PARKERSBURG .....141.3 WV

220 MHZ

222.3000 / 223.9000
WB4SJV HERMITAGE ..... TN

222.3400 / 223.9400
KC4QK #ASHLAND ..... KY
W4ZJM MEMPHIS .....*# TN

222.3600 / 223.9600
WR3S #SHORT MTN ..... TN
WP3S SMITHVILLE ..... TN

222.3800 / 223.9800
W4CAT GALLATIN ..... TN

222.4600 / 224.0600
W4NYR SHELBY ..... NC

222.5000 / 224.1000
KA4UHL NANCY .....100.0 KY
N4CH ROANOKE ..... VA

222.5200 / 224.1200
N4NFP ATLANTA/MARIETTA .....118.8 GA
WM4MD MIDDLESBORO .....82.5 KY
WV8B FLAT TOP/WINTRPL ..... WV

222.5400 / 224.1400
KD4ALC WALESKA ..... GA
KB5SAR WAYNESBORO ..... MS
WR4BEG SOPHIA/RANDLMN ..... NC
WB4QHF PICKENS/CSRS HD .....131.8 SC
KB4PNG ONEIDA ..... TN
KB4YQC CHARLOTTESVILLE .....88.5 VA
WR8M WILLIAMSON ..... WV

222.5600 / 224.1600
KC4JNN BISKEY MTN .....100.0 GA
KN4K LENOIR/HIBRITN ..... NC
WR3S NASHVILLE ..... TN

222.5800 / 224.1800
N4YDX DALLAS ..... GA
KB8FPK ERWIN .....88.5 TN
WA1ZMS BEDFORD/APL ORCH.....100.0 VA

222.6000 / 224.2000
KC4OVY ATLANTA-NE .....100.0 GA
W4AUS WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
WA4CBX BLOUNTVILLE ..... TN
KB4YTU BROWNSVILLE ..... TN
W4JAS HAMPDEN-SYDNEY ..... VA
WB4GUG STUART .....107.2 VA

222.6200 / 224.2200
N4NEQ ATLANTA/MARIETTA ..... GA
AD4CR VERSAILLES ..... KY
NF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT .....100.0 TN
KO4BN SPRINGFIELD ..... TN

222.6400 / 224.2400
N4YYD FT MT/CHATSWTH .....71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QXK KVILLE/HIPOINT .....107.2 NC
N8FWL BECKLEY .....123.0 WV

222.6600 / 224.2600
KE4QFG MARIETTA ..... GA
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. .....114.8 TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

222.6800 / 224.2800
AB4M LYNCHBURG ..... VA
222.7000 / 224.3000
KU4PE TEMPLE .....151.4 GA
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB.....131.8 VA
222.7200 / 224.3200
N4MTA ACWORTH/ATL .....123.0 GA
KA4SQN JACKSONVILLE ..... NC
W4IT PICKENS/SASFR MT..... SC
N4RAG BUCK'S ELBOW .....131.8 VA
222.7400 / 224.3400
W4DOC ATLANTA ..... GA
WW4DC THOMASVILLE .....88.5 NC
WB4GBI KNOXVILLE ..... TN
222.7600 / 224.3600
N4BZJ DALTON ..... GA
WB4PAC #GRIMESLAND ..... NC
KA4TYO MARSHALL ..... NC
WR3S LAVERGNE ..... TN
WB8YST CHARLESTON .....107.2 WV
222.7800 / 224.3800
N4RBT DAHLONEGA .....100.0 GA
N4OQJ KNOXVILLE .....100.0 TN
AA4QT RIDGEWAY ..... VA
222.8000 / 224.4000
KC4AQS JASPER .....100.0 GA
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS .....131.8 SC
KB4YGI COLLIERVILLE ..... TN
222.8200 / 224.4200
KD4AOZ WATKINSVILLE ..... GA
AC4AO LEXINGTON ..... KY
W4BSI MEMPHIS ..... TN
WD4GSM NORTON/HIGH KNOB..... VA
KC4J PATRICK SPRINGS .....103.5 VA
222.8400 / 224.4400
N4NEQ ATL/MARIETTA .....118.8 GA
WB4GUG GREENSBORO .....107.2 NC
KC4TFQ #NASHVILLE ..... TN
222.8600 / 224.4600
N4BZJ DALTON .....118.8 GA
W4ABP GAINESVILLE ..... GA
KB0Y VALDOSTA .....141.3 GA
KC4ZTJ SHELBY ..... NC
222.8800 / 224.4800
KE4IPX NORCROSS ..... GA
W4DEX LOCUST ..... NC
KA2GA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN
222.9000 / 224.5000
N4MTA ACWORTH/ATL .....123.0 GA
N4FND SHEPHERDSVILLE .....151.4 KY
N4DRL BYHALIA ..... MS
K4YNY WILMINGTON .....88.5 NC
W4BBB KNOXVILLE/RACK .....100.0 TN
K4RCA MARTINSVILLE ..... VA
222.9200 / 224.5200
KE4AIS PINE LOG MTN ..... GA
KR4HJ LEXINGTON .....107.2 NC
K4RWN LITTLE MTN ..... SC
WM4MD JONESVILLE .....100.0 VA
223.0200 / 224.5200
W4UWH GATLINBURG ..... TN
222.9400 / 224.5400
N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF SPRINGFIELD ..... TN
WB4PVT HAMPTON .....100.0 VA
222.9600 / 224.5600
W4DOC ATLANTA .....146.2 GA
KD4RXF LANCASTER ..... KY
WB4YZF FAYETTEVILLE ..... NC
KC4GYM COLUMBIA ..... SC
AC4JF NEWPORT .....100.0 TN
222.9800 / 224.5800
NX9O ALPHARETTA .....100.0 GA
KR4AA ROCKY MOUNT ..... NC
WA4RQF #WINSTON-SALEM ..... NC
WA4KFI KNOXVILLE .....103.5 TN
223.0000 / 224.6000
N4GIS JASPER .....100.0 GA
WB4PLA ASHEVILLE ..... NC
KC4KUL HIGH POINT ..... NC
WA4HMT LAKE GASTON ..... VA
223.0200 / 224.6200
W4PME ATLANTA/BELL .....100.0 GA
KD4DAR PIKEVILLE ..... KY
KC4IRA GASTONIA .....127.3 NC
KD4JFN HAW RIVER .....107.2 NC
W4GSF GLOUCESTER ..... VA
223.0400 / 224.6400
WB6RTH #LOGANVILLE ..... GA
WA4PEN RALEIGH ..... NC
WA4RQF WINSTON-SALEM ..... NC
KC4RGQ MORRISTOWN ..... TN
223.0600 / 224.6600
W4SKM MACON ..... GA
KE4RQL BIG KNKB/MARS HIL..... NC
WA1YYN EFLAND .....107.2 NC
N4LV SUNSET BEACH ..... NC
WR3S NASHVILLE ..... TN
223.0800 / 224.6800
N4BZJ DALTON ..... GA
KA4RCL WAYNESBORO .....131.8 VA
223.1000 / 224.7000
W4TIY DALLAS ..... GA
WB9SZL CLEMMONS .....100.0 NC
KM4TC DUNCAN .....88.5 NC
KD4VUW GALLATIN ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4ARO PETERSBURG ..... VA
223.1200 / 224.7200
WA4DAN TRENTON ..... NC
223.1400 / 224.7400
N4KVC DALTON ..... GA
KD4WAR BURNSVILLE ..... NC
N4NCK OXFORD ..... NC
N4PYI NASHVILLE .....100.0 TN
KC4JGC NORFOLK .....100.0 VA
223.1600 / 224.7600
W4BOC STONE MT ..... GA
KB7BTU PLYMOUTH ..... NC
W4EXU SALISBURY ..... NC
WQ4E GREENBRIER ..... TN
KF4PCK KNOXVILLE ..... TN
KF4PCK MOORESBRG/SNED ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
223.1800 / 224.7800
WB5OWY VICKSBURG ..... MS
WA4WGY EDEN .....103.5 NC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KQG MEMPHIS ..... TN
223.2000 / 224.8000
WB5TUF ATLANTA .....110.9 GA
KR4BD LEXINGTON ..... KY
KD4WJD ZEBULON .....88.5 NC
WQ4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN
223.2200 / 224.8200
KK4C ATLANTA ..... GA
WR4MG HAWKINSVILLE .....107.2 GA
N4DWU CANTON ..... NC
KD4LHP KVILLE/HIPOINT .....107.2 NC
223.2400 / 224.8400
WB6RTH #ALPHARETTA ..... GA
WR4MG WARNER ROBINS ..... GA
WA4DAN GRIFTON ..... NC
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... VA
223.2600 / 224.8600
KC4JNN ALPHARETTA .....100.0 GA
KQ4O PEARISBURG ..... VA
223.2800 / 224.8800
WD4LUQ DALLAS .....77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
K4AIH ANDRWS/ROBINSVL ..... NC
K4DQ FANCY GAP .....100.0 VA
223.3000 / 224.9000
W4LMA MARIETTA ..... GA
WM4T GRAY ..... TN
WD9JGI SWEETWATER ..... TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA
223.3200 / 224.9200
KR4KS SNELLVILLE ..... GA
W4NYK GRNVL/DOWNTWN .....88.5 SC
N8LGA BLUEFIELD ..... VA
223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
N4GIS WALESKA ..... GA
AD4RU IRVINE ..... KY
WB4NKM GREENEVILLE ..... TN
AB4EM ROANOKE/CAHAS MT ..... VA
223.3600 / 224.9600
PT2RFL ATLANTA/MARIETTA .....100.0 GA
KC4ZTJ CHERRYVILLE ..... NC
W3CH GOLDSBORO .....156.7 NC
N4QVI GREENSBORO ..... NC

440 MHZ

434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SO DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
WD4ATV JOHNSON CITY/BUF..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV
439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
W4PPN CHARLOTTE ..... NC
WZ4O SUMTER ..... SC
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC
438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA
426.2500 / 439.2500
N4FH ROANOKE/POOR MT..... VA
446.3500 / 441.3500
WA4USN KNIGHTSVILLE ..... SC
446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC
446.7000 / 441.7000
N4ZHC CLINTON .....131.8 NC
446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
446.9000 / 441.9000
K4ZAD CARY ..... NC
447.0000 / 442.0000
WB6RTH ALPHARETTA ..... GA
KF4BTL MARYVILLE ..... TN
WA4HMT GASBURG ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA
447.0250 / 442.0250
WA4NMF ATLANTA .....100.0 GA
447.0500 / 442.0500
N1KDO MARIETTA .....107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND .....107.2 NC
KD4XV JASPER .....127.3 TN
WB4SQC JOHNSON CITY/HOL .....100.0 TN
WA4BJY MEDINA ..... TN
447.0250 / 442.0750
W8BLA ROSWELL ..... GA
447.0750 / 442.0750
N4VOS STANTON ..... KY
KE4JSZ CASTLE HAYNE .....88.5 NC
KD4JYV UWHARRIE ..... NC
KC4GYM COLUMBIA .....156.7 SC
KN4VY DAYTON ..... TN
447.1000 / 442.1000
N4RBL LOUISVILLE AREA ..... KY
KF4TNP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN
447.1250 / 442.1250
KF4FOF PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA
447.1500 / 442.1500
N4SE ROSWELL/BELL .....100.0 GA
KD4RTR DORTON ..... KY
W4UNC CHAPEL HILL ..... NC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
KD4SUU CHESTERFIELD ..... VA
447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
WA4US WILMINGTON ..... NC
W4GMM MEMPHIS .....107.2 TN
KD4CRM MARTINSVILLE .....118.8 VA
447.2000 / 442.2000
KE4D BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
N5DWU ELLISVILLE .....167.9 MS
KS4SB COLFAX ..... NC
WA4US WILMINGTON ..... NC
KD4YUX BETHPAGE .....107.2 TN
WM4T GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA
447.2250 / 442.2250
WB6RTH ATLANTA .....77.0 GA
WJ9J RCKWOOD/OZONE ..... TN
KC4VHQ WAVERLY .....110.9 TN
WB4GUG STUART .....107.2 VA
447.2500 / 442.2500
KR4KS #NORTH ATLANTA .....100.0 GA
N5DWU ELLISVILLE .....167.9 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4HTI COVINGTON ..... VA
447.2750 / 442.2750
K4DDH MACON .....100.0 GA
N4ZCM AUBURN ..... NC
KF4CFO ETOWAH .....141.3 TN
KE4PFW HENDERSON ..... TN
447.3000 / 442.3000
KW4KW RINGGOLD .....118.8 GA
KC4QPR MORG. WALKER TOP ..... NC
WB4IJY ZEBULON .....88.5 NC
KE2D SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA
447.3250 / 442.3250
W4JLG MABLETON ..... GA
K4JBV INDEPENDENCE .....100 KY
WM4MD MIDDLESBORO .....67.0 KY
WD4ICX ASHEBORO ..... NC
447.3500 / 442.3500
WD4NHW/BALDWIN ..... GA
KF5TU LAKE GASTON .....100.H NC
WA4YGD LINCOLNTON ..... NC
447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
W4RNR SANFORD ..... NC
WA4PXV WEST JEFFERSON ..... NC
447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4QHF PICKENS/CSRS HD .....127.3 SC
KF4YI LYNCHBG/JACK MT.....107.2 VA
447.4250 / 442.4250
KC4FIE MADISONVILLE ..... KY
N4TZD LEXINGTON ..... NC
447.4500 / 442.4500
WA4NMF SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA .....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NEB CLEVELAND .....88.5 TN
WA3KOK CHESTERFIELD .....107.2 VA
447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
KS4QA TRENTON .....67.0 GA
KE4DGP WILKESBORO .....107.2 NC
447.5000 / 442.5000
KE4PMP MT. VERNON .....88.5 GA
K4GFY MOREHEAD ..... KY
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
W4CA ROANOKE/POOR MT ..... VA
447.5250 / 442.5250
WB5TUF ATLANTA .....110.9 GA
KY4JD FORT WRIGHT .....123.0 KY
WB3T WYTHEVILLE .....103.5 VA
447.5500 / 442.5500
WD4ELX LOUISVILLE ..... KY
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND .....127.3 VA
447.5750 / 442.5750
WA4BPY CUMMING .....79.9 GA
AE4LW MADISONVILLE .....100.0 KY
WB4IVB JONESVILLE .....100.0 VA
447.6000 / 442.6000
KD4FOC DUBLIN .....77.0 GA
WA4OKJ MARIETTA .....100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL .....151.4 NC
N8ITF SPRINGFIELD .....107.2 TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
W4ABP GAINESVILLE .....131.8 GA
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
KS4QA LOOKOUT MTN .....146.2 GA
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
447.6750 / 442.6750
KE4PVE ATLANTA .....100.0 GA
KD4BOH ROCKPORT ..... KY
KD4RAA RALEIGH .....100.0 NC
WA4MPZ #BLUFFTON ..... SC
447.7000 / 442.7000
KC4ZGN ELLIJAY .....77.0 GA
K4NLX SAVANNAH ..... GA
KE4ZBI ATOKA ..... TN
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE/POOR MT. ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE .....151.4 KY
N5LRQ VOSSBURG .....167.9 MS
WG4R GREENSBORO ..... NC
NA4GLB SIMPSONVILLE ..... SC
W4RDM SCREAMER ..... TN
447.7500 / 442.7500
KM4GR BAKERSVILLE ..... NC
WD4KZK ROANOKE/MILL MTN.....107.2 VA
447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
AE4PZ MOUNTAIN REST .....127.3 SC
KE4CIF PULASKI ..... VA
447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE .....100.0 NC
WD4LUR LAKE CITY .....100.0 TN
KB4MIC GUM SPRING ..... VA
447.8250 / 442.8250
K4DKI CLAYTON ..... GA
KC4ENL HAPEVILLE .....167.9 GA
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB0QGH LAWRENCEVILLE .....82.5 GA
W2HR GILBERTSVILLE .....103.5 KY
KA7JXU BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO .....103.5 WV
447.8750 / 442.8750
PT2RFL ATLANTA/MARIETTA .....100.0 GA
N4IWK MACON ..... GA
W4GSO GREENSBORO .....156.7 NC
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN .....136.5 TN
447.9000 / 442.9000
K3TD BUFORD .....103.5 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE .....88.5 NC
KE4CES JACKSON .....114.8 TN
W4MT NEWPORT NEWS .....100.0 VA
447.9250 / 442.9250
KC4YHM EATONTON ..... GA
K4AE LEXINGTON ..... NC
WD4OAR GEORGETOWN .....107.2 TN
KB8QKM CHARLESTON .....71.9 WV
447.9500 / 442.9500
AA4AI ATHENS .....179.9 GA
N4XGI ST SIMONS ISLAND.....131.8 GA
KF4CYI TAYLORSVILLE .....173.8 NC
AB4FU LYNCHBURG ..... VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
NK4W LITTLE MT .....162.2 SC
KB8KSP ABINGDON .....88.5 VA
448.0000 / 443.0000
N4OGF CHATSWORTH ..... GA
KT4GB BARDSTOWN ..... KY
KK4YP PIKEVILLE ..... NC
W4ZJM MEMPHIS .....* TN
KM4X WHITETOP MTN .....103.5 VA
WB8EZR HUNTINGTON ..... WV
448.0250 / 443.0250
WA4NMF ATLANTA .....100.0 GA
KD4IEZ DUBLIN .....156.7 GA
KE4OOL LEXINGTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING .....77.0H WV
448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3CH GOLDSBORO .....156.7 NC
WB4PUB #NASHVILLE .....107.2 TN
448.0750 / 443.0750
WA0HQQ KENNESAW ..... GA
KC4ZIZ MACON .....156.7 GA
WR4BEG SOPHIA/RANDLEMN ..... NC
KA4AZQ KNOXVILLE .....100.0 TN
448.1000 / 443.1000
N4KHQ DAHLONEGA .....100 GA
KE4RNM OWENSBORO ..... KY
WW4DC SAURATOWN MT .....88.5 NC
KA4JXT MEMPHIS .....107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL .....107.2 WV

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

448.1250 / 443.1250
KU4ML FOSTER KY
KB4PQA CRAB CREEK TWP NC
WA4NNA RALEIGH NC
KC4PRD GOODLETTSVILLE 107.2 TN
KA4JXT HICKORY VALLEY 107.2 TN
KA4JXT MEMPHIS TN
448.1500 / 443.1500
W4PME ROSWELL/BELL 100.0 GA
W4HG SALISBURY NC
K8MHR ST. ALBANS WV
448.1750 / 443.1750
N4GIS WALESKA GA
KC4COV FLORENCE KY
KD4HLH LAURENS 146.2 SC
KF4TNP MT PLEASANT 107.2 TN
KC4J PATRICK SPRINGS VA
448.2000 / 443.2000
K4YC IVEY 88.5 GA
W4DEX #HAMLET NC
KD2LH YOUNGSVILLE 88.5 NC
KB4UG GRNVLE/VIKING MT NC
W4BS MEMPHIS 107.2 TN
KB4YKV AMELIA VA
448.2250 / 443.2250
N4QCP JONESBORO GA
KD4TAH FRANKLIN KY
KS4TO WADDY KY
*N4ZCM RALEIGH NC
W8LG BECKLEY/BOLT WV
448.2500 / 443.2500
KC4JNN #BISKEY MTN 100.0 GA
KJ4VF DORTON KY
WD6GMQ GRAINGERS NC
448.2750 / 443.2750
KF4TLA LEICESTER/AVL 103.5 NC
WA4WTX ROUGEMNT/RED MT 100.0 NC
WA4AWI LEBANON 107.2 TN
448.3000 / 443.3000
WB4VNT ATHENS GA
KB5DZJ WIGGINS 167.9 MS
KC4SVQ ARCHDALE NC
KB4TOH COLUMBIA NC
KC4IEV SPINDALE 123.0 NC
KA7UEC COLLIERVILLE 107.2 TN
WA4KJH GATLBG/COVE MT 127.3 TN
NM8T OAK HILL WV
448.3250 / 443.3250
N4JMD STOCKBRIDGE GA
N4EQT LAWRENCEBURG 107.2 KY
KF4IXK KVILLE/HIPOINT 131.8 NC
448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH 71.9 GA
K4UIV LOUISVILLE SW KY
W5PAW PETAL MS
ND4N GRNVLE/PARIS MT SC
WA4AWI DEASON 107.2 TN
K4GX ROGERSVILLE TN
448.3750 / 443.3750
KC4AQS JASPER 100.0 GA
W1IFL RALEIGH NC
448.4000 / 443.4000
KD4EKZ CEDARTOWN 123.0 GA
WB4GWA CONCORD 118.8 GA
WB4GUG SAURATOWN MT 107.2 NC
AD4DN WILMINGTON 88.5 NC
AC4WW AIKEN 107.2 SC
WD4DBJ CUMBERLAND CITY TN
WA4QWW MEMPHIS TN
448.4250 / 443.4250
KD4RTR MILLARD KY
WA1YYN RES. TRIANGLE PK 156.7 NC
448.4500 / 443.4500
WB5TUF ATLANTA 110.9 GA
KB4VAK HIGH PT/LOOKT MT 77.0 GA
AE4NU COX'S CREEK 151.4 KY
N5WXD WEST POINT MS
N4VOZ STATESVILLE NC
KC4RBA LYNCHBURG VA
448.4750 / 443.4750
WW4T BOGART GA
KC4COV FLORENCE 192.8 KY
KE4UIU CANTON 156.7 NC
W4UNC CHAPEL HILL 131.8 NC
WB4TWX FORT MILL SC
N8FWL BECKLEY 123.0 WV
448.5000 / 443.5000
N4MTA MARIETTA GA
WD9EQC LOUISVILLE KY
KF4BRO MAYSVILLE 123.0 KY
WB4UBY META KY
AJ0X LAUREL MS
WD4PQZ GBORO/H'POINT 77.0 NC
KD4CWB KNOXVILLE TN
448.5250 / 443.5250
N4PQR KNOXVILLE 114.8 GA
N4EUX LENOIR/CAJAH MTN NC
KD4MJO SOUTH HILL 100.0 VA
448.5500 / 443.5500
KE4WLP GRIFFIN GA
N4HZX GRAEFENBURG KY
KB5SAR WAYNESBORO MS
KC4XE ROARING GAP NC
WB4LRD CHATTANOOGA TN
KF4PGC SMITHFIELD 100.0 VA
448.5750 / 443.5750
KD4NTF CEDARTOWN 107.2 GA
WA4PXV #GRANDFATHER MT NC
KA6UHV COLLEGEDALE TN
W4LYR LEBANON 100.0 TN
448.6000 / 443.6000
KA4UHL NANCY 100.0 KY
K5HYE MENDENHALL MS
N4DWU MT MITCHELL NC
W8CXD FOREST 136.5 VA

448.6250 / 443.6250
KD4KGR GRAY GA
W4UWH JASPER 100.0 GA
W4EUS RTP NC
KE4EAN COWPENS 136.5 SC
KA7UEC COLLIERVILLE 107.2 TN
AD4QG EVA TN
KC4MJN JAMESTOWN 100.0 TN
WZ8E BLUEFIELD VA
448.6500 / 443.6500
KE4RNM OWENSBORO 203.5 KY
KA4IH ANDRWS/ROBINSVL NC
KD4WAR BURNSVILLE NC
KD4DNY GREENSBORO NC
WA4AXH NOLENSVILLE TN
K4UMI HAMPTON VA
448.6750 / 443.6750
W4VO ROME GA
AD4LR PARIS TN
KD4IBW SEVIERVILLE 100.0 TN
K4YD GOODVIEW 107.2 VA
448.7000 / 443.7000
W4TN DALLAS GA
W5CJR HATTIESBURG 136.5 MS
KE4QOX KVILLE/H POINT 103.5 NC
WA4LBT LOCUST NC
K4VVM BARTLETT 107.2 TN
KB4OTK LAFOLLETTE TN
KB8UJG PRINCETON 123.0 WV
448.7250 / 443.7250
KB2DZA CONYERS 77.0 GA
KE5LT PICAYUNE 179.9 MS
K4GWH GRAHAM 156.7 NC
KB5YJC WASHINGTON 107.1 TN
N8SNY WELCH WV
448.7500 / 443.7500
K4GO #COVINGTON GA
KC4ZTI GASTONIA/CRWDR NC
WB4EDS ALAMO TN
WA4OHX HAMPTON 100.0 VA
448.7750 / 443.7750
W4IXN DULUTH 82.5 GA
KF4INN VERSAILLES KY
WB4SFY CLAREMONT 118.8 NC
KD4JFN HAW RIVER 107.2 NC
KF4Y LAURENS 141.3 SC
KA4MHJ SPENCER 123.0 TN
WB3T BLUEFIELD 103.5 VA
448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA 118.8 GA
K4MSU MURRAY 114.8 KY
N5IAT NATCHEZ MS
KC4QZL MORGANTON NC
WA4HNK SUMMERVILLE SC
KA4AZQ KNOXVILLE 100.0 TN
WA1ZMS BEDFORD/APL ORCH 100.0 VA
W4POX PORTSMOUTH VA
KA8OTX OAK HILL 443.8250 WV
448.8250 / 443.8250
KD4WOU MONROE 123.0 GA
N5ZNS GLOSTER MS
KC4KRM SHELBYVILLE TN
WB4KZI PETERSBURG VA
W4EVC NORFOLK
KE4PN #WAVESKA 192.8 GA
WB4POJ BAGDAD KY
KC4YQZ DALLAS/CLT 100.0 NC
WA4US WILMINGTON NC
KE4OVN DRESDEN 107.2 TN
KQ4I DANVILLE VA
KB8TGK HUNTINGTON 88.5 WV
448.8750 / 443.8750
KC4KPW PINEY KNOB 103.5 NC
KD4KPV MCKENZIE TN
W4DUM WILLIS VA
W8SP FAIRMONT WV
448.9000 / 443.9000
KC4KZT DAVID 167.9 KY
W4UA HIGH POINT NC
W4GWD GREENWOOD 107.2 SC
KD4HII CHATTANOOGA TN
WA4KOC WHITE HOUSE TN
N4EVG CHESAPEAKE VA
448.9250 / 443.9250
KQ4XI MONROE 123.0 GA
W4BAB RINGGOLD GA
W5OXA BILOXI MS
KE4KNZ MCEWEN TN
KF4AGO SOUTH BOSTON VA
448.9500 / 443.9500
KA4UFM DECATUR 110.9 GA
KC4TX CANE VALLEY KY
N5ZDF HAZLEHURST 100.0 MS
WA4US WILMINGTON NC
KC4FV ARNOLD A.F.B. TN
KD4OBX KNOXVILLE TN
N4ER MEMPHIS TN
448.9750 / 443.9750
KE4BHZ HAZARD 103.5 KY
WA4WGY MAYODAN NC
WR3S LAVERGNE TN
KA4WJS ROCKWOOD TN
N8FIP WESTON WV
449.0000 / 444.0000
WB4QDX LAWRENCEVILLE 100.3 GA
WD4AFY SAVANNAH GA
AD4RU IRVINE KY
KG5YV CLINTON 100.0 MS
K4JEQ HICKORY NC
KK4YP SELMA NC
N0YNV BLYTHEWOOD SC
WD4BKY GALLATIN 107.2 TN
KD4CWB KNOXVILLE 100.0 TN
WA4ETE MEMPHIS 107.2 TN
KC8IT MULLENS WV

449.0250 / 444.0250
WA4NMF LAWRENCEVILLE 127.3 GA
AE4PO WAYCROSS 141.3 GA
KD4JFN HIGH POINT 107.2 NC
KC4WHL HARRIMAN TN
K4RDK MEMPHIS TN
449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA 118.8 GA
KE4NLL SALYERSVILLE 127.3 KY
K4OLC TAYLORSVL/BARR M NC
N4PYI NASHVILLE 107.2 TN
KB4OLM STUARTS DRAFT VA
449.0750 / 444.0750
AE4GU CARROLLTON 107.2 GA
KB8SBN INDEPENDENCE 110.9 KY
KD4BOH ROCKPORT 77.0 KY
K4CCR ANDRSN MT/DENVER NC
KF4TNP LEWISBURG 107.2 TN
KC4PDQ MARYVILLE 100.0 TN
KF4ATY MEMPHIS TN
KD4TBC GRETNA/SMITH MT 67.0 VA
K8OJC HURRICANE WV
449.1000 / 444.1000
W4BKM MACON GA
W4WSM BOWLING GREEN KY
N4UL LOUISVILLE 173.8 KY
KB5BRZ MERIDIAN 131.8 MS
WR4AGC DURHAM NC
KC4AC LANCASTER SC
W4AM CHATTANOOGA TN
KE4FH JOHNSON CITY TN
KA4JXT MEMPHIS TN
KE4CKJ STAUNTON/EL KNOB 131.8 VA
KB4ZIM WILLIAMSBURG VA
449.1250 / 444.1250
KE4PVE PENDERGRASS 100.0 GA
KC4ZY LEXINGTON KY
WB4GUG MCLEANSVILLE NC
KC4ECD LAFAYETTE 107.2 TN
KA4JXT MEMPHIS TN
N8LVE BECKLEY WV
N8RCG KEYSER 103.5 WV
449.1500 / 444.1500
W4PMC ATLANTA/BELL 100.0 GA
WB4IVB MIDDLESBORO 100.0 KY
WD5BJT CLERMONT HARBR MS
WB5YCR NEW ALBANY MS
KE4GTM GASTONIA/CRWDR NC
K4JDR SEVEN SPRINGS 100.0 NC
KI4ZR LEXNGTN/ROCK MT. VA
KC8AOF RIPLEY WV
449.1750 / 444.1750
KE4PVE COVINGTON 100.0 GA
KC4COV FLORENCE 192.8 KY
W4FBC ELLINGTON 118.8 NC
KC4NNN KNOXVILLE TN
W2GLJ MEMPHIS TN
WD4ICX FANCY GAP 107.2 VA
N8FMD CLARKSBURG 103.5 WV
449.2000 / 444.2000
WA4DB #GAINSVILLE 107.2 GA
KE4QEA #KING/SAURATOWN 100.0 NC
WA4US WILMINGTON NC
KF4GHC COLUMBIA 156.7 SC
KB4YTU DOWNSVILLE TN
KD4HII CHATTANOOGA TN
N4ARK NASHVILLE TN
WB4VWR ENON VA
N8ZVK FLATWOODS WV
449.2250 / 444.2250
WB4BDP WARNER ROBINS GA
KE4SJO WOODSTOCK GA
K4GWH GREENSBORO 146.2 NC
N4ARK NASHVILLE 107.2 TN
KQ4VAR CHARLESTON 123.0 WV
449.2500 / 444.2500
W4BOC DECATUR GA
WA4KNI HENDSVL/BERWLW NC
K4SER WILLIAMSTON 131.8 NC
WA4PAJ BARTLETT TN
WQ4E GREENBRIER TN
WA4TFZ CHARLOTTESVILLE 151.5 VA
N8ZAR BUCKHANNON WV
449.2750 / 444.2750
KE4BB CULLODEN 123.0 GA
KU4MJ DAWSON SPRINGS KY
W4NC WINSTON-SALEM NC
W4GZX CLEVELAND TN
WA4AXH LEBANON TN
KE4RTQ ENON 114.8 VA
449.3000 / 444.3000
KC4YNY HOGANSVILLE GA
WB4ZZD #LOUISVILLE KY
N4DRL BYHALIA MS
KC5RC HEIDELBERG 100.0 MS
KD4JYV ASHEBORO 118.8 NC
WA4VTX ELIZABETH CITY 131.8 NC
N4MNH CHARLESTON SC
WB4GBI KNOXVILLE TN
WA4BZU NASHVILLE 107.2 TN
K4BW ACCOMACK 156.7 VA
KI4ZR LEXINGTON TN
449.3250 / 444.3250
KF4BMG MARIETTA 79.7 GA
WA4BZU CLARKSVILLE 107.2 TN
KB4KSL KNOXVILLE TN
WB3T ROANOKE 103.5 VA
KA8ZXP GLENVILLE WV
449.3500 / 444.3500
W4MMQ HELEN GA
KE4PVE NEWNAN 100.0 GA
WR4SG VALDOSTA 141.3 GA
K4CO WALTON KY
WB4IKY GIBSONVILLE 107.2 NC
KR4LO GRANTSBORO NC

WD4BKY GALLATIN 114.8 TN
KD4CLA PIGEON FORGE 156.7 TN
N4CH BEDFORD VA
WB8YST CHARLESTON 107.2 WV
449.3750 / 444.3750
KB4IZF JASPER 103.5 GA
KD4DAR PIKEVILLE KY
KB5HAV PEARL 88.5 MS
KE4JMH FRANKLIN 131.8 NC
KB4WGA HENDERSON 88.5 NC
KB4YTM HUNTINGDON TN
KR4BT SPARTA 123.0 TN
N4QWU FANCY GAP 107.2 VA
449.4000 / 444.4000
WB0QGH HOG MTN 82.5 GA
KD4YGK #SHEPHERDSVILLE 203.5 KY
WB4YZF FAYETTEVILLE 100HZ NC
KC4YOQ FOREST CITY NC
WA4KOG MEMPHIS TN
N4PYI MT JULIET TN
K4EAJ OAK RIDGE 82.5 TN
W8ARA FLATTOP/EGERIA 100.0 WV
449.4250 / 444.4250
WB4JWM JULIETTE 156.7 GA
N4LGT DEANE KY
N4ZVN MONROE 94.8 NC
KC4NNN KNOXVILLE TN
WA4ISI ALTAVISTA VA
KB8TJH SHIRLEY WV
449.4500 / 444.4500
W4DOC ATLANTA 146.2 GA
KO4OT SIMPSONVILLE 100.0 KY
KD5AHI ABERDEEN MS
KB5LOL JACKSON 141.3 MS
W4CQ CHARLOTTE NC
WR4AGC HILLSBOROUGH 100.0 NC
KE4JMH WAYNESVILLE NC
WA4US WILMINGTON NC
KB4YTU BROWNSVILLE TN
W4CAT GALLATIN 107.2 TN
WJ9J SODDY DAISY TN
W8MOP BLUEFIELD VA
449.4750 / 444.4750
KD4GEY FOLKSTON GA
N4CLA SWEAT MT/MARIETT GA
KF4QZN MAMMOTH CAVE 179.9 KY
AD4BI PIKEVILLE KY
KD4DNY GREENSBORO 107.2 NC
N4ZKR SUMMITVILLE 107.2 TN
AD4ZK NORFOLK VA
449.5000 / 444.5000
W4NM ALBANY GA
WB5TUF ATLANTA 110.9 GA
N4BZJ DALTON 118.8 GA
KI5FW MERIDIAN MS
WD4ICX LEXINGTON NC
N4JEH TARBORO 100.0 NC
K4JP BRSTL/HOLSTN MT TN
K4CQ LYNCHBRG/TOB MT 136.5 VA
W8HYX HURRICANE WV
449.5250 / 444.5250
KD4IEZ CHESTER 156.7 GA
W4GR SNELLVILLE 82.5 GA
KJ4VF GRETHEL KY
N5NNI NEW HEBRON MS
WA4PEN RALEIGH 88.5 NC
WA4ZRS WAXHAW 94.8 NC
N4LV MYB BCH/BRKSVIL SC
KD4IBW KNOXVILLE 100.0 TN
WA4BGK NASHVILLE 107.2 TN
449.5500 / 444.5500
K4DC LEWISPORT KY
KC4DUU LEXINGTON KY
KK4VM ROANOKE RAPIDS 192.8 NC
NO4Y COOKEVILLE 107.2 TN
KF4SCT MCNAIRY 107.2 TN
WA4PCD #NASHVILLE TN
W4QR HAMPTON 167.9 VA
WA4RTS LYNCHBURG 136.5 VA
449.5750 / 444.5750
W4SCR DOUGLASVILLE 88.5 GA
N4MVY PHELPS KY
KC5CLM PORT GIBSON 141.3 MS
N4HAJ KINSTON 88.5 NC
K2PJ MYRTLE BEACH 85.4 SC
W4BBB KNOXVILLE/RACK 100.0 TN
WA4WCK NASHVILLE TN
449.6000 / 444.6000
KD4YDC FAYETTEVILLE GA
WA4NKL QUITMAN 127.3 GA
N4NMC LOUISVILLE 151.4 KY
KC4FIE MADISONVILLE KY
WA4SJH SPRINGFIELD KY
KB5CO JACKSON 100.0 MS
W4BFB CHARLOTTE 100.0 NC
KC4WXA OXFORD NC
KT4YW NO. CHARLESTON SC
WB4HAP KNOXVILL/ENG MTN TN
WA4AUX PROSPECT 118.8 TN
WC8K WESTON WV
449.6250 / 444.6250
KM4DT BONAIRE 82.5 GA
KB4QFL HAWESVILLE KY
AB5MU NETTLETON 192.8 MS
N5OCF RICHTON MS
WB4DVN LUMBERTON NC
WD4EOG CLEMSON UNIV. 156.7 SC
KD4TUD JEFFERSON CITY TN
N4TK NASHVILLE 107.2 TN
WZ8E BLUEFIELD VA
KF4LWH SOUTH BOSTON VA
449.6500 / 444.6500
K4YC IVEY GA
WB4FUR STENNIS SPC CEN MS
N5NBG WALLS MS

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

NE4J MIDDLESEX .....179.9 NC
N4MME #SALISBURY ..... NC
WA4US WILMINGTON ..... NC
WB4NKM GREENEVILLE .....100.0 TN
W4CAT SHRT MT/MURFREB .....107.2 TN
N4EHJ RICHMND/CHLTVL ..... VA

449.6750 / 444.6750
N4YTR PEACHTREE CITY ..... GA
KC4VYX ROBINSON CREEK ..... KY
KF4AWA SALVISA .....203.5 KY
N5PS GREENVILLE ..... MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE .....88.5 NC
KD4IHW RESEARCH TRI PK ..... NC
W4GS MYR BCH/CONWAY ..... SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK .....107.2 VA
K8WGB GASSAWAY .....123.0 WV

449.7000 / 444.7000
WB4SBT #BYRON ..... GA
WD4LUO DALLAS .....77.0 GA
WB4DOJ MILLEDGEVILLE .....156.7 GA
KF4BJM VALDOSTA .....141.3 GA
N5KOL BOWLING GREEN .....136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON .....114.8 NC
N4JEH ROCKY MOUNT ..... NC
AE4GA STATESVILLE .....94.8 NC
K4AU DANVILLE/WHT OAK ..... VA
N4WWB GATE CITY ..... VA

449.7250 / 444.7250
KD4AOZ WATKINSVILLE ..... GA
KY4K HENDERSON .....203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT .....179.9 MS
KD4MMP WINSTON-SALEM .....107.2 NC
WA4AKM FRANKLIN .....107.2 TN
WB0TMC JACKSON .....107.2 TN
N4CKB SEVIERVILLE .....123.0 TN
KF8FO LEWISBURG .....103.5 WV

449.7500 / 444.7500
N4ZRF LAKEMONT ..... GA
KE4AIF HOPKINSVILLE .....1G3.5 KY
WB9SHH MONTICELLO ..... KY
W5VZF STARKVILLE ..... MS
KC4YOT GASTONIA/CRWDR ..... NC
KD4JFN PITTSBORO .....146.2 NC
K4TC HENDERSON ..... TN
N4PYI MT JULIET .....156.7 TN
WD4KQI FOREST ..... VA

449.7750 / 444.7750
N4NEQ ATLANTA/MARIETTA .....118.8 GA
N4MXC COCHRAN ..... GA
N4IWZ ALLEN .....123.0 KY
KC4UPE NICHOLASVILLE .....167.9 KY
K4JDR CARY .....100.0 NC

KR4EX OLD FORT ..... NC
WA4RQF #WINSTON-SALEM .....103.5 NC
WA4AKM GALLATIN .....107.2 TN

449.8000 / 444.8000
WA4ASI COVINGTON .....88.5 GA
W4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE .....131.8 NC
K4YEC REIDSVILLE .....107.2 NC
KD4QMS SOUTHERN PINES .....118.8 NC
K0JXI MEMPHIS ..... TN
N4PYI NASHVILLE .....110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL ..... WV
W8CUL MORGANTOWN ..... WV

449.8250 / 444.8250
W4DOC ATLANTA .....146.2 GA
KC4UPE BERRYVILLE .....192.8 KY
KC4VXR SALEM .....100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK .....100.0 NC
K4GWH RALEIGH .....146.2 NC
K5FE MEMPHIS .....107.2 TN
N4PYI SMITHVILLE .....107.2 TN
WA4ZBP STAUNTON .....131.8 VA

449.8500 / 444.8500
N4BZJ DALTON ..... GA
N4YXL GREENSBORO .....103.5 GA
KF4UM HINESVILLE ..... GA
AB5DU INDIANOLA .....136.5 MS
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
K4GMP WILMINGTON .....88.5 NC
WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS .....107.2 TN
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT .....107.2 VA
AA8MR HUNTINGTON/CHAS .....131.8 WV

449.8750 / 444.8750
KC4UPE SALVISA .....167.9 KY
N5HTQ MCCOMB .....100.0 MS
KD4RAA RALEIGH .....162.2 NC
WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG "A" MTN ..... VA

449.9000 / 444.9000
NA4I AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS ..... KY
N4DWT ASHEVILLE ..... NC
WD4JMS NEW BERN .....100.0 NC
NE4J WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
N4XRY FANCY GAP ..... VA
N8SCS BELINGTON .....71.9 WV

KE4QOX LOGAN ..... WV

449.9250 / 444.9250
WB4NFG IRWINTON .....77.0 GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KB4WGA DURHAM .....88.5 NC
KE4ZTD HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
AC4RZ EASLEY/SAS MTN .....103.5 SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN
KD4TZD KNOXVILLE ..... TN
WB8BON ROANOKE/TINKER M ..... VA

449.9500 / 444.9500
WR4MG PERRY ..... GA
KD4DXR WALESKA .....88.5 GA
N4DUE LEXINGTON ..... KY
WB5YGI PHILADELPHIA ..... MS
N5VGK TUPELO .....192.8 MS
WA1WXL DALLAS/CHARLOTTE .....136.5 NC
W4DW RALEIGH ..... NC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....107.2 TN
WB4NNE MEMPHIS ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON ..... WV

449.9750 / 444.9750
WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
KQ4ML ASHEBORO ..... NC
W4YMI #NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA

439.2500 / 911.2500
KA5NQJ GAUTIER ..... MS

426.2500 / 923.2500
K4CQ LYNCHBURG ..... VA

439.2500 / 923.2500
KY4ATV #LEXINGTON ..... KY
W4HTB BOWLING GREEN ..... KY

920 MHZ

907.5000 / 919.5000
WD4KZK ROANOKE/POOR MT .....107.2 VA

908.8000 / 920.8000
WA4FAL RALEIGH .....156.7 NC
KQ4E MORRISTOWN ..... TN

909.0000 / 921.0000
K4CQ LYNCHBRG/TOB MT .....100.0 VA

909.1000 / 921.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA

909.2000 / 921.2000
K2AD LYNCHBURG .....100.0 VA

910.2500 / 923.0000
WA4VHP #SAVANNAH ..... GA
K4ZGA NASHVILLE ..... TN

1270 MHZ

1265.0000 / 421.2500
N4BZJ DALTON ATV ..... GA

1253.0000 / 427.2500
N4NEQ ATL/MARIETTA ..... GA

1277.2500 / 427.2500
WB4IUY ZEBULON ..... NC
W4PPN #CHARLOTTE ..... NC

1271.1000 /1283.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA

1272.4000 /1284.4000
WA4AKM NASHVILLE ..... TN

1274.5000 /1286.5000
WA4AKM SMITHVILLE ..... TN

1271.0200 /1291.0200
N4CH ROANOKE/POOR MT ..... VA

1271.4000 /1291.4000
KB4SXY GREENSBORO ..... NC

1272.0000 /1292.0000
KB4KIN ATLANTA/BELL ..... GA
N0WFL BLYTHEWOOD ..... SC
N4HKS MEMPHIS ..... TN

1272.8200 /1292.8200
KE4GTM GASTONIA/CRWDR ..... NC

2.4GHz

2441.6000 /2411.6000
WA1ZMS BEDFORD/APL ORCH..... VA

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3rd Annual

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From 220 S. - 220 S., Take exit 6 off 581, route 24 E. to Vinton.
(Follow same directions as above).

From I-81 N. - Exit 143 I-581, 220 S., (left exit).
(Follow same directions as above).

From Rt. 460 East - Turn left at light, Gus Nicks Blvd. (at Hardees).
Vinton on Washington Ave. Look for East Vinton Plaza (as above)

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Working with the Knoxville Club

Reflecting on the True Meaning of Field Day

-by Gregory S. Williams, KE4HSM

It was 6 years ago that I experienced my first taste of Field Day. It was also my first look at HF propagation, packet, 2-meter SSB, and a sense of accomplishment at helping set up and take down the equipment. I was a no-code tech then. By the following year I was a General Class licensee and the year after I was licensed as Advanced. I attribute my driving force in getting on HF to Field Day. It gave me a taste of what the "low bands" were like, and I wanted to get on there and work the DX. Field Day gave me that encouragement, and that is why heading up the Radio Amateur Club of Knoxville's Field Day was an important and honored task to have.

This year I decided to give our club's Field Day a perspective that hadn't been recognized in a long time. While Field Day is a contest that tests the Emergency Preparedness of Radio Amateurs across North America, it is also designed to attract the general public to get a taste of what HAM radio is about.

We ran as a Class 3-A operation this year at Fort Dickerson Park in South Knoxville. We set up two HF stations in the back area, while a VHF station was set up in the front for 6 and 2 meters. Jim Gilliland, K4DNS, donated his solar setup again for us this year and Curt Light, KF4NFI, and Tim Montgomery, KE4OTZ were ready with 6 meters. We used the RACK Club's and my ICOM 745s for the HF stations, one mainly for CW and the other for Phone.

Rick Griffin, KE4ROV, brought his handy slingshot for sending the dipoles up into the trees. We had dipoles for 80, 40, and 20 meters, as well as the club's own Cushcraft R-5 vertical for coverage from 10-80 meters.

Bruce Cliff, K4PCK, John Ambern, KC4UZO, Merle Growden, KD6FBT, Lou Dreinhoffer, WB3JKQ, and Jack Goforth, K4IBP helped in getting the dipoles into the trees and the R-5 on a makeshift "tower" using mast pipes.

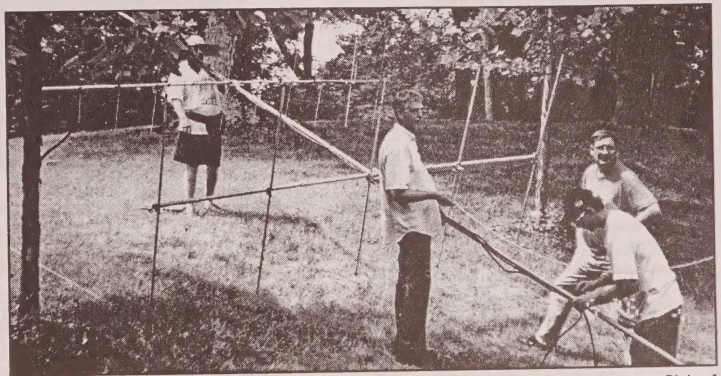
Jack came to Field Day for the first time in quite a long time because he knew I was looking for CW operators. Also helping out with CW were Lou, John Huppert, W8DIT, Willard Sitton, W4HZD, and Jean Giesler, W4TYU. There were more that helped out throughout the night and into Sunday morning, but they are too numerous to mention.

My hope that many future amateurs would visit our site were realized when folks like Terry Drulard and his son Ty came by and stayed most of the afternoon and into the evening. Some taking part in HAM classes led by Jack, K4IBP came out to experience amateur radio at it's best.

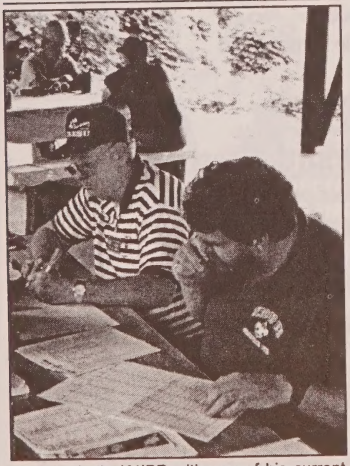
On top of the overall operation, there was great food, burgers and hot dogs and the fixins were served by my wife, Jessie, KE4RLJ, and Dawn Wilson, KE4WFM.

When I reflect back on this past Field Day and ask if it was worth the hardship and personal struggles that I had to overcome to put on the best Field Day possible for our club, I look at people like Rick, KF4ROV, showing a boy scout how APRS works. Watching the kid looking on in intense enthusiasm and interest; watching Jim Golden, N4SDC, show another youngster how a computer monitor works; watching Terry Drulard, who is not yet

(Continued on Page 37)



There's always lots of work to do, preparing for Field Day. Here at the Radio Amateur Club of Knoxville (TN), Bruce (Center) K4PCK, Moe (Left) KE4CQW and Curt KF4NFI and Jim, KE4VHZ (upper and lower right) work dilligently on the VHF array for the weekend session.



Jack Goforth, K4IBP with one of his current ham class students, Terry Drulard, works the 20M station at the RACK Field Day. In the background another station works dilligently.

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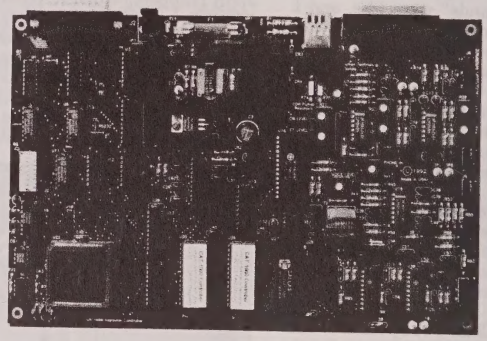

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Reflecting on RACK Field Day

(Continued from Page 35)

a HAM, listening to morse code, with fascination - all these things made me feel it was all well worth it. We even had a family returning home to Michgan, stop by to experience their first Field Day.

We had approximately 50 people stop by or stay for the event. The muggy weather, probably kept a good portion of our membership away. Hopefully next year, when Bruce, K4PCK heads up Field Day, the stories of this year's Field Day will encourage more to attend.

We often take for granted the fact that when Field Day rolls around we know the bands, we know the lingo, we know the code, we know how to make it work for points. But are the points all that matter? For some it might, but for the majority of those clubs that operate in parks, fields, schools, shopping centers, etc., being in a public place is not just an extra 100 points, it's an important opportunity to draw in new HAMs, young and old alike. If we don't make those who might be interested feel welcome, and show them what amateur radio has to offer, then are the 100 bonus points surely justified?

Ponder that question as you prepare for FD2K. Who knows, it might bring in not just more HAMs, but more friends. 73's.

SERA Full Membership Report - 3rd Quarter

We continue a strong showing in Full Membership by repeaters in our territory. As of the beginning of the 3rd quarter, we have a total of 59.8% voluntary repeater membership support.

Percentagewise, South Carolina leads the way with 68% of all their repeaters as Full Members. North Carolina closely follows with 67.8% and Virginia with 67.2%.

Total repeater numbers for the territory rose slightly as new machines were coordinated, and some re-coordinated from the unknown list. We now have 2159 across the 8 states.

North Carolina continues to grow in repeater numbers with 422, followed by Tennessee with 409. Georgia is 3rd with 375.

There is 1 quarter left to join for the 1999 season. All full memberships expire on December 31. Applications will accompany all repeater datasheet mailings when they go out in September, allowing owners to conveniently renew membership if they wish.

SERA Full Membership Report

Full Membership - By State - By Year - From 1991 - 1999 | *3rd QUARTER '99 REPORT*

SERA STATE	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL '98	TTL 1999	TTL Mbr. %	TOTAL RPTRS	SERA STATE
GA	142	173	195	208	236	217	260	232	234	62.4%	375	GA
KY	66	70	80	86	122	129	140	154	160	63.7%	251	KY
MS	38	36	50	60	75	73	60	59	61	39.4%	155	MS
NC	189	220	243	265	274	295	283	288	286	67.8%	422	NC
SC	53	60	68	68	83	81	84	79	87	68.0%	128	SC
TN	155	179	188	182	202	193	227	221	203	49.6%	409	TN
VA(1)	127	136	157	173	178	162	181	189	176	67.2%	262	VA
WV(2)	67	70	62	70	82	84	90	95	82	56.6%	145	WV
TTLS	837	944	1043	1112	1252	1241	1325	1317	1292	59.8%	2159	ALL

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1999 --- 20

(1) Total Virginia list does not include 104 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.
"Unknown" repeater listings are not counted in State repeater totals. *Updated 7-15-99*

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Getting Started

GARY PEARCE, KN4AQ
kn4aq@sera.org
116 WATERFALL CT.
CARY, NC 27513

A Squelch Tale

The term "squelch tail" is all wrong. They got it backwards. If anything, it ought to be called the "squelch nose." Or maybe the "squelch head," but "squelch nose" is funnier. I'll explain all this somewhere in the middle of this column, so keep reading.

Squelch (skwelch) n. 1. a crushing retort, rebuke, etc. vt. to suppress or silence completely (Webster's New World Dictionary).

One of the most under-appreciated controls on most FM rigs is the lowly squelch knob. Squelch may be a simple subject, but count on me to make it complicated... and you thought my job was just the other way around! And it looks like the Webster folks don't have FM radios, or they'd have a better definition for Squelch, the noun. My radio hasn't rebuked me lately. They did OK on the verb.

What is Squelch? You know what not having squelch is. On an FM receiver, it's a really loud roar of noise coming out of your speaker, as loud or louder than the voices you really want to hear. That loud noise is the result of a lot of amplification. It's pretty unpleasant to listen to an unsquelched FM receiver, so you turn up the squelch control to keep the dam thing quiet til a signal comes along. But what have you really done?

You have adjusted a circuit in your radio that is sampling the noise. The circuit rectifies some of that noise, and uses the voltage developed to open a switch (an electrical switch, not a mechanical one). That switch turns the audio amplifier off, so no noise gets to the speaker. When a signal appears, that background noise is reduced, the rectified voltage goes down, and that switch closes, sending audio on to the speaker.

Ah-HAH, a few of you are thinking (oh, no, I'm beginning to write just like the Happy Hamette!). Ah-HAH! That can't be right! Just the other day, the local repeater got hung up and was blaring open-squelch all morning. But my squelch didn't close on that noise, even after I turned it all the way up. Why not? And hey... double ah-hah! Why doesn't that squelch rectify the sound of people talking, and pop the audio closed on each voice peak?

Simple and easy. The squelch circuit uses a filter to sample a fairly high frequency of noise, maybe in the 6 to 8 kHz range. The voice frequencies are cut off above 3 kHz, and so is the noise that's passed through the repeater's audio chain when its squelch is stuck open. So your squelch circuit doesn't see any of that as noise at all.

Simple so far, but it gets a little more complex. We have to deal with mobile signals, sometimes weak ones, with a lot of flutter. It takes a moment for the squelch circuit to open when a signal appears. If the squelch keeps opening and closing on that fluttering mobile signal, you would miss bigger chunks of the transmission than you would if there were no squelch. So there are a few extra components in the circuit that keep the squelch from closing so fast when a signal disappears (the technical term for this is hysterisis).

The desired result of this little delay is that the squelch doesn't close during those brief signal dips, making the mobile's signal easier to understand. But a somewhat unwanted result is a short burst of noise at the end of each transmission... also known as the squelch tail!

And here is where I begin my campaign. That little burst of noise you hear at the end of a transmission is not squelch. It is the absence of squelch. The squelch is the silence that begins a moment later! This little burst of noise doesn't follow the squelch, like a tail. It precedes the squelch, like... a nose. So from now on, I declare that the burst of noise following each transmission will be properly called the Squelch Nose.

Getting Rid Of The Squelch Nose (To Spite Your Face?)

Some receivers have a longer squelch tail.. er, nose, than others. I really loved squelch t.. noses when I first heard them. I think that was on the old 1950's show "Highway Patrol" with Broadrick Crawford (10-4). And I loved them in my old tube-type Motorola equipment in the 60's. But not everyone loves them as much as I do (and I think I'm a little worn on them myself). So some techniques have been developed to get rid of the little buggers.

Motorola developed a dual-gate squelch circuit for the Micor receiver. It measures signal strength, so that when a signal is strong, there is little or no delay in the squelch closing. When a signal is weak, the delay is active, and you hear a normal squelch nose.

Some of the fancier repeater controllers do it another way. They add a bit of digital delay between the receiver and transmitter, and put their own audio gate in the circuit. When the mobile's signal drops on the input, the burst of noise goes slogging through the delay circuit. But the "hey, there's no signal here anymore, so I guess the repeater transmitter can drop" voltage from the repeater's receiver races ahead of that delay, and nips the audio off before the noise burst can exit the delay. The repeater's audio goes from voice to silence, at least as long as the user's signal is full-quieting.

(This is a good time to clear up a misconception. That short period of time that a repeater transmitter stays on the air after the user's signal has dropped is NOT the squelch tail! A lot of people call it that, but they're using the term wrong. What is it, then? Well, one repeater manual I've got calls it "hang time," though basketball players might be confused by the term. Another term I've heard is "dropout delay." The lack of a good, common term is probably what led to so many people calling it the squelch tail. But, now that I've changed that term to squelch nose, the term squelch tail is available and may be properly applied to the repeater's hang time).

Squelch, By Any Other Name

So far, I've described squelch is if it were the be-all and end-all of getting rid of that loud roar. But it isn't. There are many alternatives, all of them forms of squelch. In fact, the one I've been talking about is properly called noise squelch, because it works off the level of noise being received.

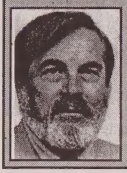
S-Meter Squelch. A few radio models have an option of tying the squelch circuit to the S-Meter. You set the squelch to open when the S-Meter reaches a certain level, from a low of S-1 all the way up to full-scale. This gives you a broader range of action for squelch, allowing you to reject strong signals that would open the conventional noise squelch even when turned all the way up. This type of squelch is usually not as sensitive to weak signals, though.

Another popular form of squelch is Tone Squelch. That goes by several names: CTCSS, PL, and just "tone" are the common ones. Instead of sampling a bit of noise, the receiver looks for a low-pitch tone riding along with the voice audio on a received signal. If the correct tone is present, that switch is closed and the audio heads to the speaker. If the correct tone isn't there, the speaker stays quiet. 38 or more tone frequencies are used, ranging between 67 and 250 Hertz. Most modern amateur VHF-FM radios come with built-in tone encoders, and many also have tone decoders.

Squelch nose elimination can be accomplished with CTCSS by sim-

(Continued on Page 50)

North Carolina - News -



GENE FEGELY, K3EJG
k3ejg@sera.org
115 RANDOMWOOD LANE
NEW BERN, NC 28562

With the greater capabilities of desktop publishing software, I have noticed an increasingly higher level of publications being produced by the several organizations whose chapters/clubs send me copies. But when the May full-color Raleigh ARS Exciter arrived, this was deserving of special mention.

Dolly Sickles is the editor of this classy three-column on glossy paper. The group has had a busy spring, including the RARfest, assisting with the NC Special Olympics, the Glaxo Wellcome Run for Research, and the solar-powered vehicle SunRayce, reported Matt Sickles, W2BYV, Public Service Director.

The group has a new website, www.rars.org, thanks to Tim Nicholson, KF4RTX, who moved from webmaster to club VP. Cliff Broughton , KF4RDP, took over his duties. President Gary Pearce, KN4AQ, also announced the reactivation of the 10 meter Wednesday net at 28.42MHz.

* * * * *

Another top production is the Greensboro ARA Feedline, edited by Daryl Brewer, KE4MOH. April's front page article by Randy Bowers, KR4QH, showed how amateur communications assisted with the MS Walk, as Steve Marks, KE4FCW., was monitoring the weather radar and alerted officials so the walk could be halted before the rains came.

Communication of game results for the Wrangler/McDonalds soccer tournament was successful, as Alan Bradley, KD4IUN, praised Ann Gibson, N4AIG; Ryan Bradley, KD4TMD; Madeline Bradley, KD4SVJ; and Jeff Clouse, N4CAP; for handling 199 teams, playing 339 games over the weekend.

* * * * *

Mary Hunt, N4MH, edits the Mecklenburg ARS News, and reports Shawn Goodin, K4RSG, replaced President Bill Schmitt, AE4XV, who moved to Raleigh. Field Day plans were to have a family picnic at the site, coordinated by Marty and Steve McCabe, KE4IYH.

As a preparation for the coming storm season, Tim O'Rourke, KG4CHX, spoke on ARES activities during the tornado disaster in Cincinnati. Spotter training and certification for Skywarn was announced by Daryl Sampson, W4OH.

* * * * *

High Point ARC's Mark McMahan, KB4MFP, puts out a nice four pager with timely information and club news. A recent meeting featured SERA Editor Wayne Williams, K4MOB, who led an interesting discussion on the future of hamfests. The club has postponed their 1999 fest.

Articles commended Myron Buser, KQ4ZA, for his work on the club web page, www.qsl.net/kq4za; and Roy Neal, K6DUE, who was a special guest at the ARRL Media Relations Forum during the Dayton Hamvention.

* * * * *

I thought the Greenville and Kinston Clubs had planned a merger, but the scheduled July meeting announced by KARSGRAM Editor Ron Knapp, W9EF, was to share ideas about ham radio.

Ed Gunter, N2VEA, is a new VE in the club, and Leo Mallard, W4KEM, has submitted his VE Application. Secretary Jean DuPree, KB4OHX, always has good meeting minutes for those who fail to attend.

* * * * *

I like the title of the Stanly ARC 'Ole Gossip Bulletin' as Editor/President Paul Robinette, KD4OZI, presents interesting information and club news, tinged with a little editorial admonishment. A recent example is the low audio output of some hams which requires volume adjustments by net listeners.

* * * * *

Cape Fear ARS Editor Carolyn Hendrickson, KF4QBK, included a report and pix of the Possum Trot Chapter of 10-10 which took the top score in the Winter Phone Contest. Talk about planning ahead . . . there was an advertisement for their December 1999 Christmas Party!

* * * * *

Many clubs have started putting their newsletters out through electronic means, but President John Barnes, KF4OYT, of the Union County ARS reversed the trend, as he found step-daughter Becky Casto, a Graphics Arts student willing to produce a hard copy.

* * * * *

John Ledford, N4GOQ, prints the Shelby ARC Shamrac on yellow paper. This makes it easy for the net control stations to find their duty listing in the crowded shack! I also admire the Peel N' Stick party they have every year for the 40,000 shelby Hamfest brochures the mail.

* * * * *

The Cary ARC Editor, Tom Klimala, KM4LB, sends letter-like pages in an envelope, including much information for members, a brainteaser and last month's answer, along with minutes and ham news. Packet users are advised the CNCLAN has been moved, and the CNCL96 is back on the air.

* * * * *

Forsyth ARC also sends a letter-in-an-envelope with much information in the single sheet. Editor Mary Gallagher, KC4AKY, gets meeting minutes, technical reports, for sale items, and ARES news to the club. I also received two tickets to their June Hamfest, but unfortunately, I was out of town in the wrong direction from Winston-Salem. Thanks for thinking of me . . . they were complimentary, weren't they?

Dayton 2000 Bus Trip

Several hams in the Greensboro, NC area are already making plans for a bus trip to the Dayton Hamvention next year. The event which will be held on May 18-20, 2000 will also be the ARRL National Convention.

A spokesman for the group said cost for transportation and reserved motel rooms are expected to run around $100.00. They plan to leave Greensboro, NC on Thursday and return Saturday night.

They added that "seminars" will be given during the bus ride for newcomers to the event - "how to do Dayton."

For information or to get included contact Bill Lundy, NC4BL at (336) 841-5507, - or you may email Bill at this address: < kb4iz@infoave.net >

Winston-Salem Hamfests
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Get the Hammer!

And let's get technical

Randy McKenzie, KB4YFV
3661 AIRPORT RD.
HILLSVILLE, VA 24343
rsmckenzie@juno.com

Big John and Neatness Counts !

I want to welcome John Mullins, KF4NZE, of Galax VA to my radio stations. I hired John a few months back as my Assistant Engineer. Really proud of him.

To you older Hams, give the young hams a chance, they are really eager to learn.

This issue I want to address that neatness in our work DOES matter. Case in point: I recently reworked the electrical service on Fisher Peak. Added grounds, did some CAD Welding, and really fixed alot of problems. My predecessor seemed to have the "just get it working" attitude. Ever had that??? Slap those cables in, string them across, cable ties or loops of slack holding them in. We all have done it somewhere in an emergency, but when we have time, make it neat.

Before I started back at WBRF FM and WWWJ AM, I knew most all the equipment, whys and where-fores, (because I installed most all of it)but upon returning, I found so many things changed. Wires running across the room, just above head height, taped, wire tie, or just looped. No I didn't have everything perfect, but over the past few years, I have changed my attitudes about alot of things.

Step back at the door to your ham shack or repeater building. How many wires just running around? How many more outlet strips CAN you connect before you overload? Coax cables taped? Labeled? How many times have you had the wrong cable in your hand??? Come on be honest!

With the State Police, I have learned several techniques for dressing cables, labels, and documentation. Granted most ham shacks dont have over a dozen cables, but did you cut them to length? Bundle them together with some ties? Maybe label the plugs? Saves alot of time and only takes a few minutes. Cable ties are cheap.

At the radio stations, we have hundreds of audio cables, little documentation, and several hours of wasted time hunting where this black cable goes . . . but that will change. Fisher Peak now has a new breaker box, Polyphaser, and new electrical cables. I have a hand drawing of all connections, and labels for each leg (3 phase power) and a copy of these for the site notebook. At 3 AM I dont always remember why I hooked something . .

Besides, when your XYL or boss visits YOUR place of work or hobby, they won't see the 5000 QSL cards from rare DX, they will see something totally different. My wife observes the magazines piled high and that phone wire coiled up. The station owner sees his money piled in the floor. Put yourself in THEIR shoes. Neatness does matter.

Larry Hall, one of our State Police Lab Tech Supervisors, always says " If you take the time to make it pretty, it will usually work" Good advice! So next time you are installing something, take a minute and dress up the wires, put the cover back on, and maybe even write down the connections . . . whats that blue wire do???

Till next time! God Bless the guy who makes cable ties. *Randy*

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DFMA Meets Second Tuesdays at 6 PM
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6:15 - 7:15 AM Monday - Friday

Hollingsworth, K4ZDH, Guest Speaker at Spartanburg Club

-by Maxie N4ENQ

Riley Hollingsworth, the FCC's Chief Amateur Enforcer spoke at our club at the Spartanburg (SC) ARS club meeting recently. We have all decided, he is one heck of a good guy and is very serious about cleaning up the ham bands.

Approximately 40 years ago Joe Gault, W4WZ, an educator from Rock Hill, SC gave a Novice exam to a 14 year old student who attended his code class. Riley Hollingsworth, K4ZDH, was issued a novice ticket. Riley graduated from Rock Hill High, USC, and Wake Forest Law School, practiced Law for approximately 15 years and joined the Federal Communication Commission 25 years ago in 1974. He currently is part of the Federal Communications Commissions CIB team (Compliance and Information Bureau)

Last fall the FCC received a blazing letter from the ARRL complaining about an individual who had received a 15 month suspension, but was back on the air. This letter caught the attention of the proper people, and Riley became involved in Amateur enforcement. The Ham Band had basically more or less gone unregulated for 10 years.

Art, KE4EAN, our club president met Riley, who had come back to South Carolina on personal business. Art found out about the connection between Joe and Riley and extended an invitation to visit and speak at our club, through Joe.

Riley spoke to a packed house, Amateurs came from other clubs. Lester, KF4GGM, made a video of the event and I am sure it will be made available to interested people.

I would like to share with you some of the points made by Riley:

a. Amateur Radio is an American Tradition.

b. 90% of all the complaints are caused by 15/20 people.

c. This is a breakdown of the 1st 400 complaints reviewed.

1. Jamming	31%
2. Repeaters	29%
3. Profanity	15%
4. Richard Burton	10%

d. The FCC has no bone to pick with the average Ham.

e. The FCC is going after the big offenders and their following.

Riley described the FCC Monitoring facilities which are made up of 14 remote sites located around the country. Laurel is the main station. Usually in less than a minute they can locate an offending transmitter even if the xmitter is staying on the air for only 1 second at a time. They can place a remote van within 5 miles of the offender. Riley's final comment was: Are you part of the problem or part of the solution?

In closing, it appears that if you jam, interfere, or use profanity, Mr. Hollingsworth could be your worst nightmare. All others listen out for him on the low bands, he likes to operate CW.

Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

1999 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next November 1999 Repeater Journal is Oct. 10, 1999.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL*.

NAME_____ CALL_____
ADDRESS _____
CITY_____ STATE_____ ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

NAME _____ CALL_____
ADDRESS_____
CITY_____ STATE_____ ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

FULL MEMBERSHIP: [ ] NEW [ ] RENEWAL - ($10.00 - FOR REMAINDER 1999) FEE ENCLOSED - AMOUNT $_____
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IF A 1998 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST SEP or OCT, INDICATE PERSON'S NAME AND ADDRESS TO SEND 1999 TO:
NAME _____ CALLSIGN_____
ADDRESS_____ CITY_____ STATE_____ ZIP_____

■ *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*
An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

RJ 8-99

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

Joe Wood, AJ0X, our Vice-Director is gone but not forgotten. He passed away in July at his home. (See Separate Story this issue) As they say though, the show must go on, and each of us within the SERA coordination organization expect to continue to live up to the high standards of service brought forth and taught us. Thanks to Joe's efforts, over the past 6 months, we have gotten proper information and removed 36 of the 42 repeater listing in the unknown listing and coordinated or re-coordinated 29 other repeaters. There is still plenty of work to do and if you have the talent and the time, please contact Steve Grantham, N5DWU, our Mississippi Director about helping out. Our editor, Wayne Williams, is always on the look out for some writing talent, so please contact him if you are interested in writing items for the Journal on behalf of the Mississippi hams.

* * * * *

Several of our older Hams have left us recently and it seems one of the hot chat topics is how the hobby is going to slip into nonexistence. Here in Central Mississippi our numbers seem to be on the increase. Hopefully my family is doing its part. My wife recently got licensed and my girls are showing interest in learning more about how to earn their licensee. Bill McLarty, KM5GE, has certainly helped to lower the average age of Mississippi Hams by not only having a household of Hams, but he is very active in the Boy Scouts and with the St. Andrew's Episcopal School Radio Society. In both programs he works with school age children to promote amateur radio. Let's continue the growth!

* * * * *

Hams traveling through the Jackson area may find many of the regular repeaters unusually quiet and maybe at times unavailable. Unfortunately they have had some malicious interference by an unlicensed operator. The inappropriate language and sound effects have forced the trustees to monitor and shutdown their repeaters as soon as the jamming begins. The illegal operator has also used call signs of out of the area amateurs to carry on conversations with unsuspecting Hams. This has caused Hams in the area to be leery about repeater use in general, especially talking to stations that they don't know.

* * * * *

The Vicksburg Amateur Radio Club hosted ARRL Day in the Park on Memorial Day where they demonstrated how to work satellites with HTs and conducted fox hunts. They served food and soft drinks on a hot afternoon. It was a great time to fellowship with other Hams, especially in the shady areas. Malcolm Keown, W5XX, our ARRL Section manager reminded the core HF users not to overlook the valuable network of VHF repeaters within the state and encourage more participation in the PBRA. Hopefully they will sponsor the event again next year.

* * * * *

The Lauderdale Repeater Group is adding more repeaters and more flexible network control systems to establish broader coverage for Lauderdale County in the case the need arises. One of their goals will be to establish a link with the SKYWARN network during severe weather. They also encourage you to use their repeaters whenever you may find yourself in their area.

* * * * *

This column wouldn't be complete without a report on Field Day. For some of us this year, FD was a soggy experience. It's normally bad enough trying to convince your family that you need one weekend a year to dedicate to your hobby but to also struggle with the heat and rain. What a draining experience! Well maybe a little draining, I'm already planning on what to do differently next year. I can hardly wait for FD 2000.

One of the purposes associated with FD is setting up stations and getting on the air in areas that don't already have existing radio facilities. We probably all learn something new each year on how to do this more efficiently and with less equipment. One unexpected lesson I learned this year, was the value of CW. When working SSB, I found out that I had trouble picking up stations in the mud. That wasn't so bad until I was the one running the logging program and the radio operator created a pileup calling CQ. So either because I have untrained ears, defective head phones or defective ears, found myself wishing for the first time that I was a trained CW operator.

Could it be that after all these years of viewing CW as a barrier created by some to limit access to the hobby, that I could have been wrong? Could the designers of Amateur radio practices have really known what they were doing by forcing you to learn CW in order to get your license? I guess these are questions that I will ponder as I learn to copy and send CW at higher rates.

The Raleigh Amateur Radio Society says:
Thanks for a great RARSFest '99!
Be sure to mark your calendar for April 9th, 2000. RARSFest '00 just wouldn't be the same without YOU!

RARSFest
NC ARRL State Convention, Hamfest & Computer Fair
Sunday, April 9th, 2000

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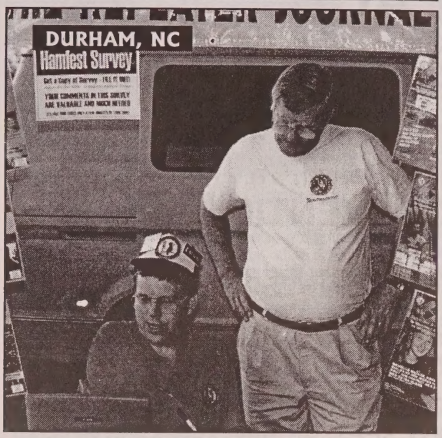
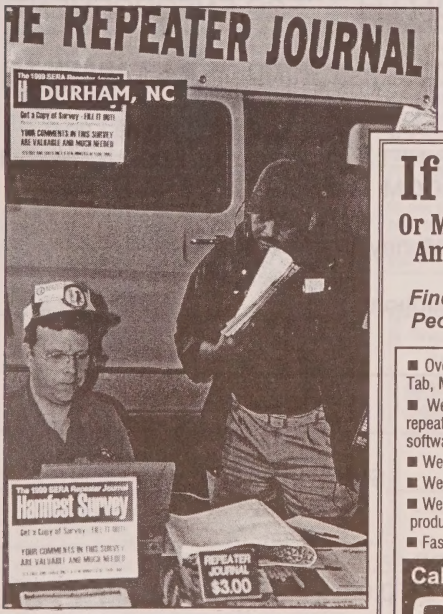
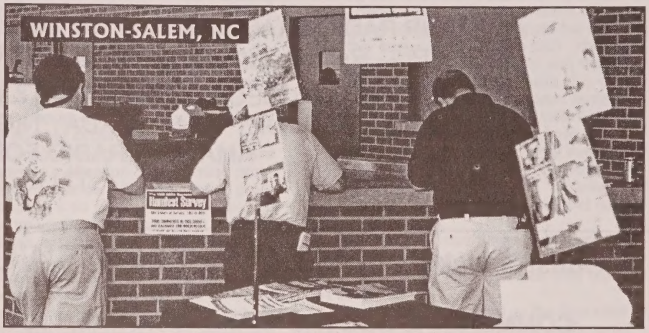
SERA At the Hamfests



Repeater Coordination "on the fly" as North Carolina Vice-Director Frank Lynch, W4FAL checks the SERA Computer database for a potential repeater builders looking for a clear frequency for his area to put on a machine. Lynch has put his entire database on a laptop, and putting on quite a show at the area hamfests he attends. He is shown above and below working the Durham, NC hamfest.

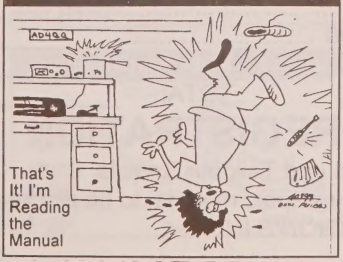


Hams listen to information about the SERA organization at the Knoxville, TN hamfest, as others sign on the dotted line, becoming supporters and members of SERA.



Hams line up at the SERA booth at the Winston-Salem, NC hamfest. Some were signing up for membership, while others filled out the Repeater Journal Hamfest Survey.

JOURNAL FUNNY STUFF BY AD4QQ



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OUTDOOR TAILGATE - ADVANCE REGISTRATION

Tickets ARE REQUIRED when Renting Commercial Tables and Tailgate Spaces
Local ordinances and Hamfest policy do not permit firearms or pornographic material to be displayed or sold at the show.

" TIDEWATER RADIO CONVENTION'S INC. "

Let's Look at it- this way!!

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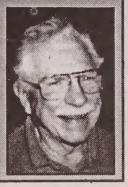

On the Shoulders of Giants

A hobby really isn't a hobby unless you can do something with it. After you've got your amateur radio license and your station is assembled and you've learned how to work the Amateur bands, you are all ready to go. To do what? There are a lot of different things that you could do. Many of them are things to do just to prove that you can do them. Some activities like DX offer a large array of awards on which you can set your sights. You can join ARES or SKYWARN and prepare yourself to do something if something happens. You can just bump around the bands and talk to whomever you hear. You can join a sort of social group and chat at designated times and frequencies. Or you can pass traffic.

The idea of passing traffic by amateur radio is old: as old as amateur radio and older than the ARRL. The American Radio Relay League was, as its name implies, formed (in 1914) primarily to systemize and organize the passing of traffic. The two principal public service activities of the field organizations of ARRL are the Amateur Radio Emergency Services (ARES) and the National Traffic System (NTS). One difference between the two is that when you ask an active participant of ARES "what do you do?" he tells you that he is preparing himself and his organization to handle emergencies. He is getting ready for something important if it happens. To the same question the NTS ham says "I just pass traffic and have fun." He knows that in an emergency his skill will enable him to move messages efficiently into and out of a disaster area, but he's too busy actually passing traffic think about it a lot.

The character of the NTS is shaped by structure and formality, carried forward to us from antiquity. There are Areas, Regions, Sections and Local nets, all cleanly defined and regimented to meet and pass traffic at designated times which are contrived to interlace in a clean and effective manner. There is a format for an NTS Radiogram, which is the only way they will allow traffic to be passed. And all of this was put in place back when the T in the RST meant something.

Does it sound stuffy to you? Well it isn't as complicated as baseball. Traffic on amateur radio, as it lives and manifests itself, is a GAME - a great GAME! And, like baseball, or any great game, the structure and the rules define the game. If you don't know why all those guys in those funny suits are standing around in that pasture, you're not going to enjoy baseball.

There have until now been enough participants in the NTS to keep it alive and well, and today there are still plenty of hams who do traffic as their primary activity. Many of these have been working traffic for decades and are extremely good at what they do (This is particularly true of the CW operators). If you want to join in the fun, it is easy to check into local or section nets where they will welcome you, and you will get a chance to see these guys work.

Among the essential requirements for a traffic system are (1) people to do it and (2) traffic to pass. In time of a national disaster a large source of traffic suddenly appears. Thank goodness such events are rare and comprise an extremely small fraction of the traffic actually passed. Among the non-hams that make up most of our world there are none who spontaneously say, "Hey, I think I'll send a radiogram by amateur radio". Virtually all traffic is generated by the traffic handling hams themselves or by people they have approached and sold the idea that a radiogram would be a novel and fun thing to do. (I'm not even going to touch comparing radiograms with telephones, fax, e-mail, etc. as a competitive mode in normal times.)

So the amount of traffic depends strongly upon the number of hams passing it.

When things are going along well its hard to call anyone's attention to a looming problem. Usually you know when you have a problem because it's so clear. It is, however, the ones that go undiagnosed that result in death. The volume of traffic has been slowly but steadily declining. The number of hams that checkin to traffic nets is slowly declining. There were days when you could be confident that you could pass a message to anywhere because someone on a local net would live close enough to deliver it. Now you may not really want to take a message for a town that is a little out of the way because there may not be an outlet. Since delivery is more difficult people are less likely to send traffic, which means that when you check into a traffic net you are less likely to get traffic to pass, consequently fewer hams check into the nets. We have a classical negative feedback loop that will, if not broken, drive the system to zero.

Were this not bad enough, we find the problem being compounded by the development of a "super ham". When there were plenty of checkins, the jobs were spread around, and different people would act as net control and as representatives to and from other nets. There were a substantial group of hams of more or less the same ability, each of whom had a single job. They might, once in a while, trade off. New members were comfortable stepping forward to participate. When the groups become smaller we found individuals taking on several jobs.

Everyone thanked them for being so helpful. Then they were wearing three "hats" and sometimes four. Now when an opening occurs and someone is needed to fill a hole, it is so natural for the many hat man to step forward and take it. Everyone knows how good he is, and with the volume of traffic generally waning this additional responsibility does not really over tax him. Were someone of lesser nobility to aspire to it, should he contend with this super ham over the job? He would need to speak up very rapidly and then feel compelled to excuse his rashness. So, everyone thanks the super ham for once again selflessly volunteering and after a while the aspiring tyro finds gratification elsewhere.

This seems to be happening at every level from the local nets up through the Area nets. These super hams, through accumulated experience, are really very good, and getting better all the time.

The gap between these giants and common folk gets wider and wider. Once again we have a feedback loop, but this time building on itself.

What would you predict as the final state of this system? I see the national traffic system as a small group of extremely competent super hams that can pass traffic at virtually the speed of light, but with no traffic to pass.

What I am trying to say, it seems, is that if you want to play this NTS traffic game, you had better get in quickly while there is still something going on. But, who knows, if enough new blood gets in soon enough the trend could be reversed and the traffic game might outlast baseball. Or maybe not.

JOURNAL FUNNY STUFF BY AD4QQ

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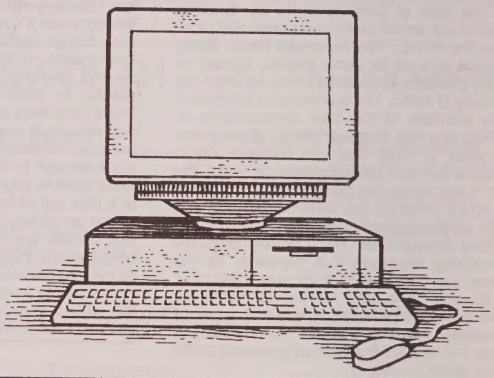

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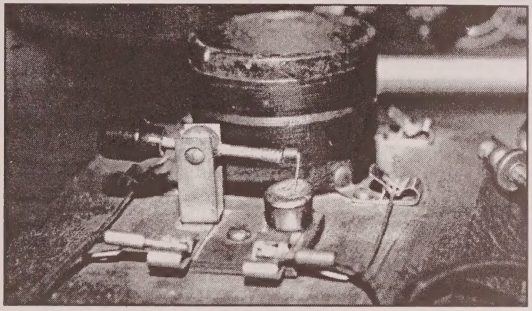
In Those Early Days of Ham Radio

In the early part of the century, a typical ham radio station would fit the requirement for a science fiction movie. The contraption that conquered the air waves consisted of large coils, home made capacitors made with glass, and an intricate fabrication of wires called an "aerial" to radiate the signal. Later, the term "antenna" came into general use.

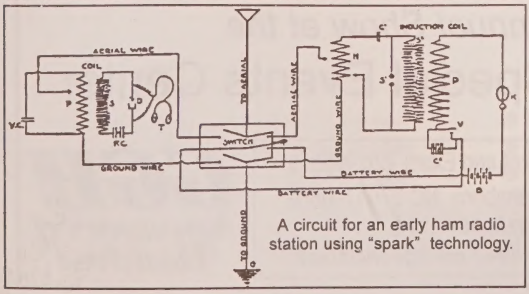


An early crystal cup detector receiver. The homemade coil is in the background. The device, in the center, has a stiff wire on the end called a "cat whisker" to find a sensitive spot on the crystal. The crystal material is mounted in a cup to hold it in place. -Courtesy Mike Battershell.

At the heart of the station, high voltage spark generated the source for the electromagnetic signal. Many hams used an old Ford motorcar high voltage spark-gap coil to do the trick. Some of the first receivers used a galena crystal cup detector to rectify the received signal. This was nothing more than a "rock crystal" taken from nature, mounted in a "cup" or holder to keep it in place. To find the most sensitive area of the crystal, a stiff wire was used to touch the surface of the crystal to select a good spot for reception. Coils were sometimes wound on discarded oatmeal boxes (the round type), as a form. Since audio amplifiers were not around at the time, a pair of earphones did the job. Early stories of ham operation include strong corona discharges from the antenna network at night, problems with small fires from the spark, and the frequent shocks experienced by the operators.

These early hams could not pick up a telephone and order from a manufacturer of ham gear; rather, it all had to be built by the experimenter—much of it from scratch. If a ham needed a coil, then he wound it himself. In a similar manner, capacitors were built using glass as the insulating medium. For a receiving detector, 1N34A diodes did not exist—the early communicator located a piece of galena and made his own detector. Early tinkers depended on bits of wire, wood, glass, metal and other common items found in the home to weave their magic of communication.

Spark transmitters had individual personalities, and each had a unique "sound" recognizable by their peers. Early effort was measured



A circuit for an early ham radio station using "spark" technology.

A commercial crystal cup receiver made by the Philmore company. The crystal is in the center, with a stiff wire making contact. The earphones connect to the terminals on the left; the "aerial" or antenna lead hooks to the top right terminal and ground connection to the bottom right connector. Equipment courtesy Mike Battershell.

by a few miles of successful communication but, with advances, managed to span the continent—and beyond. Much of this pioneering work was done by experimenters who gradually evolved into licensed ham radio operators after the spectrum was regulated. We think of vanity calls as being nice in this era of amateur radio, but the early "hams" simply made up their own call sign before licensing was in place. I guess you could say these early hams really thought of vanity call signs first!! After regulation took place, hams were moved below 200 meters and many said they would never get out of their own back yard at these really "high frequencies." Unfortunately, early hams didn't know this and were soon communicating globally. Advances in technology using the vacuum tube produced better transmitting and receiving equipment. With this newer tube equipment, Morse code was transmitted using a "continuous wave;" later abbreviated as simply "CW." For awhile, hams either communicated using "spark" or "CW." With time, spark largely disappeared from the annals of communication. But the memories still linger in the mind of the remaining old timers who used the magic of spark and a statue of coils and other crude materials to conquer the world of communication in the early years.

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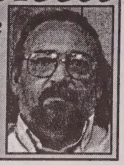

LYLE PALMER, KI4BH
ki4bh@rev.net (540) 772-3039
6104 MT. CHESTNUT RD. SW
ROANOKE, VA 24018-7602

Field Day has come and gone for another year. I hope you had as much fun as I. I would like to say thank you to KG4AFC, KF4IZL, N2CAS, AD4HG, KK4IY, and WA4UVA each of whom contributed mightily to make the District 13 effort in Salem's Longwood Park the success it was. Public attendance was fantastic. Every visitor left with literature referencing Amateur Radio and ARES. A number of those unlicenced visitors took a turn at the microphone. Everyone ate too much and had too much FUN, THANKS GANG!

* * * * *

Going into hurricane season, Dr. William Gray is prognosticating an extremely active season. Now is the time to check your "72 Hour Ready Kit," check the generator and insure your back- up batteries are at full charge. If we are lucky enough to avoid a major storm, your preparation will not have been wasted. The Virginia Department of Emergency Services along with several localities in SW Virginia and across the State are asking ARES/RACES members to activate the State and local EOCs on 31 December through 1 January, Y2K.

* * * * *

On 29 May, members of the Salem, Virginia ARES group provided communications for the Festival in the Park Bike Hill climb, on Roanoke's Mill Mountain. The following day, members of the RVARC in conjunction with Roanoke Valley ARES members provided communications for the 105 mile Tour de Festival bicycle race. In total more than 30 Amateurs participated in these two events. A huge THANK YOU to these hams for representing and promoting the hobby!

* * * * *

The 1999 SET (Simulated Emergency Test) weekend is 2-3 October, Please check with your local Emergency Coordinator or other Field Organization leaders for details in your local area.

* * * * *

The next in a series of Statewide ARES Training Sessions is scheduled for 14 August,1999 at the Russell County Public Library, in Lebanon, Virginia. Talk-in on 146.610 - and 146.835 -. Everyone interested in ARES/RACES, NTS, or emergency communications is encouraged to attend.

Pre-registration is required to insure handout material and training aids are adequate for the attendance. There is NO COST for this training. Registration can be accomplished by E-mail at <JCombs8837@aol.com>. The most up to date information and on line registration can be found at,

http://aresva.org/news/d14train.html.

The October SET and August Training Session will fulfill the SET and training requirements for the new State issued ARES/RACES ID Cards.

Issuance of these cards to the first Gate of applicants has been delayed due to glitches in a new DMV system.

I encourage you to send me information about the activities of your local Club or group for inclusion next time.

I would like to leave you with a final thought, SHELBY, SHELBY, SHELBY.

FCC Sez Multiple Call Sign Holders Could Face Fines

-from ARRL Bulletin #39

The FCCs Riley Hollingsworth, K4ZDH says the Commission may have to resort to fines to curb the practice of hoarding multiple club station call signs. He said the reason they were concerned is that they consider it an abuse of the licensing process.

Earlier this year, a ham listed as trustee for more than 3 dozen club station calls agreed to give up all but one of them. He was trustee of 41 callsigns.

Hollingsworth said that the FCC rules do not specify an upper limit to the number of calls an individual may hold, but says the underpinning of the rules is common sense. He recommended that multiple call sign holders seriously consider turning in their excess grands before they hear from the FCC, because, he said "we will be pursuing them."

FCC Sets New Vanity Fee

-From ARRL Bulletin #41

The fee to apply for an Amateur Radio vanity call sign will increase from $13 to $14 starting September 10, 1999.

The FCC has released its FY 1999 fee schedule which rounded down the proposed $1.42 per year fee.

The Commission continues to receive in excess of 1000 vanity applications per month.

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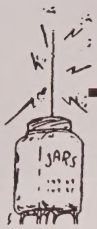

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http://www.jars.net

GOOD FOR THE NEW HAM Getting Started

(Continued From Page 38)

ply turning off the tone a moment before turning off the transmitter. The receiver audio shuts off before the transmitter goes off, so there's no noise. The ubiquitous Radio Shack HTX-202 offered this feature.

A bit of history: in the early days of FM, CTCSS was generated with a mechanically vibrating reed, both for sending and receiving. The reeds were very sensitive and selective, but at the end of a transmission the receive reed would take a while to "coast" to a stop, resulting an a very long squelch nose. To solve this problem, at the end of a transmission, the sending reed would be shifted about 160 degrees in phase for a moment. The receive reed would stop cold, the audio switch would close, and the signal dropped before the receive reed could start up again. This clever Motorola technique was called "Reverse Burst." The old timers are getting a bit misty right now.

A newer form of tone squelch is Digital tone squelch, or DPL. This method superimposes a bit of data on your signal that is decoded at the receiver. One or two ham manufactures are now offering digital tone squelch, but unless you have one of those radios, it's incompatible with everyone else.

Frank Lynch, W4FAL (Our SERA NC Vice Director gives us the technical description of DPL:

DPL (Digital Private Line), was developed by Motorola during the late 1970's primarily in response for the need for more PL codes than could be obtained by analog tone methods. Just as PL uses different sub-audible frequencies for each user, DPL uses different "code words" to distinguish between users. The code words are 23 bits long and transmitted at about 135 bits per second. If you listen to DPL, it sounds like hum with hiccups! DPL codes are defined by three octal digits (octal digits are 0 thru 7). This would imply that there are 512 DPL codes (000 thru 777), but that's not the case as some of these codes involve long strings of ones or zeros in the data stream and makes implementation of the encoder and decoder different. So, there's a subset of codes that at most only have seven 1's or zero's in a row that actually get used in practice. There are about 130 of these codes so the number is a lot higher than what's possible with analog tones.

Touch-tones can be used as a form of squelch. Some recent radios have incorporated this feature, and most call it "touch-tone paging." A decoder in your receiver keeps the receiver quiet until the correct sequence of touch-tones is received. Then the audio opens, and the conventional noise squelch takes over.

And finally, more and more radios are using something called "automatic" squelch, or what appears to be squelch with no control at all. I don't know what trick circuit they have going, but in my Icom W32 handheld, it seems to work most of the time.

And that's the Squelch Tale. But remember, from now on, it's officially the Squelch Nose!

The T.A.R.A. (Tri-State Amateur Radio Association)

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Getting There Has A Lot to Do With It

Did you know that there are many of HAMs who can not go to hamfests, HAM club meetings, holiday dinners, special events and Field Day because they have no way to get there? There are many of us who can not drive due to visual or other physical disabilities. Please, those of you who can drive, help us get to these events.

Many of us would be GLAD to pay for gas, supply a car and/or pay for entrance fees to hamfests for the driver, if only someone would drive us. We have asked and asked for rides only to be turned down so much that many of us give up. I have heard that club members complain that the disabled don't ask. But, they do. You just did not listen or care. These same "HAMs" complain about the lack of participation at club meetings, nightly nets, breakfasts, and Field Day. Ironically, They will provide communications for the Multiple Sclerosis Society for a walk-a-thon yet not go pick up a disabled member who also wants to help.

Here is a real-life example of what happens when a good HAM can't go to meetings. I know a blind HAM whose club president and another member called him to ask why he wasn't coming to meetings. He replied that he had no way to get there, unless he paid a driver, which is very expensive. He was not offered help or rides by the president or anyone else. People in his club know that he and his HAM wife can't drive. He did get on this local net to ask for rides to hamfests and Field Day. He missed the last two Field Days because he did not have a way to get there and home. The HAM is so discouraged that he thinks he should get out of the club. I don't blame him.

The man and wife used to be active on the nets, in the club, he was always ready for Field Day and helped in emergencies. Only one HAM offered to take them when he was able. The couple gradually got off the nets. Now, they just want to quit. Can you blame them?

To make things worse, some members in this club were angry when the wife complained that a meeting was held up a flight of steps that she and five other members could not climb. Later, the other disabled called the wife to say "thank you" because they were too scared to complain having seen they way the club shut out other disabled in that club who complained previously. Then, in an ironic twist, this club was made an ARRL Special Service club. Service to who? They should start with those in need in their own club.

Could this be your club that I am describing?

Now, with the concern for Amateur activity being down in nets, hamfests, clubs etc, this is a golden opportunity to help disabled HAMs get active again, increase the ranks of active HAMs and alleviate the above situation. The disabled HAM can serve as VEs, on SKYWARN, ARES, RACES, MARS, at Field Day, anything. Just give us a chance.

Let me emphasize to you one thing: after we disabled HAMs ask for help several times and don't get it, we get so discouraged that we quit asking. It hurts to be constantly turned down.

I have several ideas to remedy this situation.

- Clubs should ask if there are some who will volunteer to drive those who can't to meetings, hamfests, Field Day, etc. ?
- Clubs could appoint a member to identify and work with HAMs in their local area that are disabled. Call or contact those people and ask them if they need transportation to meetings, special events and hamfests. See if you can match up the disabled with drivers. Be sure to announce this on nets and in the newsletters.
- We disabled HAMs should offer to pay gas and maybe time providing transportation or driving. This is a two-way street. Some may say that HAMs ought to do this for free as friends do. That would be nice but, may not be possible. Most people don't know, for example, that every time we get in our van, we have to pay someone to drive. When people drive us, they expect to be paid and that is certainly right for them to make a living.

I would like to think that most able HAMs and clubs really just do not realize our problems.

Thank you so much for reading this article. I appreciate all your e-mail and letters. God Bless all of you who do care and help the disabled.

Our Hamette writes from the Heart. If you have a subject you'd like covered - she'd love to hear from you!!!

The SERA Repeater Journal Southeastern
1999 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring ham and computerfests. Deadline for Nov. issue is Oct. 1.

AUGUST, 1999

1..... 49th Annual Winchester HF, BERRYVILLE, VA
1..... Portage Cty ARC Hamfest, RANDOLPH, OH
1..... Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
7 (cancelled 1999) . W4CQ Hamfest, CHARLOTTE, NC
7..... Hamfest, SPRINGFIELD, MO
7.... Voice of Aladdin ARC Hamfest, COLUMBUS, OH
8 (New dte)..... TSRAC HF, WHEELING, WV
14..... TARA HF & comp. Show, HUNTINGTON, WV
15..... Tippecanoe ARA Hamfest, LAFAYETTE, IN
15 (New dte).... HF at Nat'l Grd. Arm, LEXINGTON, KY
21..... HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
21-22..... HF at Braun Civic Cen, HUNTSVILLE, AL
28..... WV State Conv/HF, (Jksons Mill) WESTON, WV
29 . . Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 1999

4-5 ..... Hamfest at Cleveland Cty FG, SHELBY, NC
11..... Owen Cty ARA Hamfest, SPENCER, IN
11-12... ARRL St./HF at Bullit Cty FG, LOUISVILLE, KY
11-12..... Hamfest at Auditorium, MELBOURNE, FL
12..... Findlay ARC Hamfest, FINDLAY, OH
12..... Butler Cty ARA Hamfest, BUTLER, PA
18 (new dte)... S.KY DX Assn Hamfest, CAVE CITY, KY
18..... Hamfest, LITTLE ROCK, AR
18..... Hamfest, DALLAS, GA
18-19 .. VA State ARRL Conv/HF, VIRGINIA BEACH, VA
19 ..... Greater Cinci ARA Hamfest, CINCINNATI, OH
19 ..... York HF Foundation Hamfest, YORK, PA
25..... Hamfest, DAYTONA BEACH, FL
25..... Mobile ARC Hamfest, MOBILE, AL
25-26. Hamfest at Voteck Cen at YELLOW BRANCH, VA
26... FARS Hamfest (former Gaithersburg), BOWIE, MD
26 ... Suncoast ARC Hamfest, NEW PORT RICHEY, FL
26..... Hamfest Assn. of Clev. HF, CLEVELAND, OH
26..... Hamfest at Nat'l Grd. Armory, BUTNER, NC

OCTOBER, 1999

2..... Hamfest/Computer Fair, ROCK HILL, SC
9 (Cancelled for '99)..... Hamfest, BLAIRSVILLE, GA
9 .. ARC of Augusta, Hamfest AUGUSTA (EVANS), GA
9-10 ..... Memfest '99 Hamfest, MEMPHIS, TN
10..... Hamfest, MAYSVILLE, NC
15-16(fri.eve-sat) Hamfest at Bradfd Cty. FG, STARK, FL
15-16(fri.eve-sat) . MS Coast ARA Hamfest, BILOXI, MS
16.... Tri-Cities Hamfest at Appalachian FG, GRAY, TN
16-17..... Hamfest, PALM BEACH GARDENS, FL
23.... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
23..... Comp/HF, at Catawba Val CC, HICKORY, NC
23..... SW LA ARC Hamfest, LAKE CHARLES, LA
23 .... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
24 ..... Boone/Clinton Cty. Hamfest, LEBANON, IN
24..... Mason-Dixon Hamfest, WESTMINSTER, MD
29-30..... Hamfest, JACKSONVILLE, FL
31..... Marion ARC Hamfest, MARION, OH
31..... Massillon ARC Hamfest, MASSILLON, OH

NOVEMBER, 1999

6..... Beachfest '99, MYRTLE BEACH, SC
6..... Swapfest at Hazard H.S., HAZARD, KY
6..... Lake ARA Hamfest, SORRENTO, FL
6-7..... HR/Comp. Expo '99, LAWRENCEVILLE, GA
7..... Massillon ARC Hamfest, MASSILLON, OH
13..... AL St. ARRL/Hamfest, MONTGOMERY, AL
13*..... Hamfest, TITUSVILLE, FL
13*..... Twin City Hams Hamfest, WEST MONROE, LA
13-14.... IN State ARRL Conv/Hamfest, FT. WAYNE, IN
19-20* (fri.eve-sat).... Hamfest, OCEAN SPRINGS, MS
20..... Grant ARC Hamfest, GEORGETOWN, OH
20-21 ... FL.Ste ARRL Conv. Sun Coast HF, TAMPA, FL
21..... JARSFEST at American Legion, BENSON, NC
27 (new dte) 19th HF & Com. Show, GREENSBORO, NC

DECEMBER, 1999

4*..... Hamfest at Agri. Center, OKEECHOBEE, FL
4*..... Hamfest at Civic Center, EASTVIEW, TN
4*..... Hamfest at Booster Stadium, OCALA, FL
4*..... Claxton ARES Hamfest, CLAXTON, GA
4*..... Wiregrass ARC Hamfest, DOTHAN, AL
11..... Union Cty ARC Hamfest, at Armory UNION, SC
11*..... Hamfest at Spts. Hall of Fame, LAKE CITY, FL

2000 CONFIRMED DATES

Jan. 9 ..... Hamfest, SOUTH BEND, IN
Jan. 15-16..... Hamfest, SARASOTA, FL
Jan. 22 ..... FirstFest, WINSTON-SALEM, NC
Feb. 5..... Chas. ARS Hamfest, CHARLESTON, SC
Feb. 27 ..... Hamfest, ZEPHYRHILLS, FL
Mar. 4-5.... Gulf Cst. ARC HF, NEW PORT RICHEY, FL
Mar. 11-12..... Hamfest, CHARLOTTE, NC
Mar. 18..... Martin Cty. ARA Hamfest, STUART, FL
Mar. 25-26.... MD St. ARRL Conv. HF, TIMONIUM, MD
Apr. 9..... RARSFest '00, RALEIGH, NC
Apr. 15..... Hamfest & Comp. Fair, MORGANTON, NC
Apr. 15..... Rhea Cty ARS Swapfest, DAYTON, TN
Apr. 21-22..... Little Rock Hamfest, LITTLE ROCK, AR
May 6-7..... Birminghamfest, BIRMINGHAM, AL
May 19-21. ARRL Nat'l Conv. Hamvention, DAYTON, OH
June 4 ..... Ole VA Hams Hamfest, MANASSAS, VA
June 10..... Classic Hamfest, WINSTON-SALEM, NC
June 24-25..... ARRL FIELD DAY
July 8 ..... Hamfest, KANSAS CITY, MO
Aug. 6... 50th Annual Winchester HF, BERRYVILLE, VA
Aug. 6.... Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
Aug. 19-20..... Hamfest, HUNTSVILLE, AL
Nov. 4-5... HR/Comp. Expo '00, LAWRENCEVILLE, GA
Dec. 2 ..... 20th Annual Hamfest, GREENSBORO, NC

2001 CONFIRMED DATES

June 3..... Ole Va. Hams Hamfest, MANASSAS, VA
May 18-20..... Dayton Hamvention, DAYTON, OH
Aug. 5... 51st Annual Winchester HF, BERRYVILLE, VA
Aug. 5.... Hamfest at Stuben Cty Frgrnds, ANGOLA, IN
Aug. 18-19..... Hamfest, HUNTSVILLE, AL

2002 CONFIRMED DATES

May 17-19 .... 50th Anniv Dayton Hamv., DAYTON, OH
Aug. 4 .. 52nd Annual Winchester HF, BERRYVILLE, VA
Aug. 16-17..... Hamfest, HUNTSVILLE, AL

2003 CONFIRMED DATES

May 16-18..... Dayton Hamvention, DAYTON, OH
Aug. 6... 53rd Annual Winchester HF, BERRYVILLE, VA

Need Your 2000 Hamfest Listed?
Is Your 2000 date Confirmed?
Contact the Repeater Journal Editor!
Deadline for November issue is Oct. 1
The entire 2000 List will be printed in the upcoming November issue!

Financial Report - by Johnny Wofford, WA4ETE
TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

INCOME	Jul-Sept 98	Oct-Dec98	Jan-Mar 99	Apr-Jun 99	7/1--7/11/99	Total 99 YTD
S-Adv	$ 5,778.60	$ 6,625.50	$ 3,845.00	$ 5,612.45	$ 2,942.60	$ 12,400.05
S-ARRL Royalty	$ -	$ -	$ -	$ 2,193.00	$ -	$ 2,193.00
S-Assoc	$ 3,991.00	$ 1,667.00	$ 2,336.00	$ 2,923.00	$ 1,020.00	$ 6,279.00
S-Full	$ 340.00	$ 3,790.00	$ 453.00	$ 980.00	$ 15.00	$ 1,448.00
S-HOTP-Prepaid	$ 137.50	$ 81.25	$ 12.50	$ 166.75	$ 50.00	$ 229.25
S-INT	$ 142.91	$ 138.24	$ 189.59	$ 324.03	$ -	$ 513.62
S-NC-Refund	$ -	$ -	$ -	$ -	$ -	$ -
S-Other	$ -	$ 5.00	$ -	$ -	$ -	$ -
S-Refund	$ -	$ -	$ -	$ -	$ -	$ -
S-RJsales	$ 585.00	$ 660.00	$ 8.00	$ 226.25	$ 175.00	$ 409.25
S-Shirts		$ -	$ -	$ -	$ -	$ -
S-transfer		$ 6,246.20	$ -	$ -	$ -	$ -
TOTAL INCOME	$ 10,975.01	$ 19,213.19	$ 6,844.09	$ 12,425.48	$ 4,202.60	$ 23,472.17
EXPENSES						
S-Bank	$ 12.50	$ -	$ 59.00	$ -	$ -	$ 59.00
S-Copyright	$ -	$ -	$ -	$ 20.00	$ -	$ 20.00
S-HOTP	$ -	$ -	$ -	$ (87.50)	$ -	$ (87.50)
S-Internet	$ -	$ 108.08	$ 59.85	$ 59.85	$ -	$ 119.70
S-Jour-Postage	$ 1,053.59	$ 1,820.20	$ 1,007.39	$ 1,416.15	$ -	$ 2,423.54
S-Jour-Print	$ 7,369.74	$ 6,679.62	$ 1,314.38	$ 6,884.58	$ -	$ 8,198.96
S-Lodging	$ -	$ -	$ 2,113.10	$ 2,039.53	$ -	$ 4,152.63
S-Mail Serv.	$ 309.58	$ 316.96	$ -	$ 635.54	$ -	$ 635.54
S-Medicare	$ 3.24	$ (7.56)	$ 20.01	$ -	$ -	$ 20.01
S-Office	$ 379.47	$ 166.49	$ 7,283.18	$ 645.79	$ -	$ 7,928.97
S-P.O. Box	$ -	$ 20.00			$ -	$ -
S-Phone	$ 284.06	$ 307.63	$ 294.79	$ 423.31	$ -	$ 718.10
S-Postage	$ 168.03	$ 93.56	$ 322.33	$ 226.41	$ -	$ 548.74
S-Promotional	$ -	$ -	$ 246.60	$ 91.99	$ -	$ 338.59
S-Repair	$ 259.64	$ -	$ -	$ 1,716.61	$ -	$ 1,716.61
S-Salary	$ 168.66	$ 521.44	$ 440.33	$ 168.66	$ -	$ 608.99
S-Shipping	$ 234.95	$ 130.25	$ 87.04	$ 179.38	$ -	$ 266.42
S-SSecurity	$ 13.81	$ (32.33)	$ 85.57	$ -	$ -	$ 85.57
S-Tax	$ (377.19)	$ 327.24	$ 483.47	$ (450.39)	$ -	$ 33.08
S-Travel	$ -	$ 55.50	$ -	$ 0.15	$ 198.00	$ 253.65
TOTAL EXPENSES	$ 9,880.08	$ 10,507.08	$ 13,817.04	$ 13,970.06	$ 198.00	$ 27,985.10
TOTAL INCOME - EXPEN	$ 1,094.93	$ 8,706.11	$ (6,972.95)	$ (1,544.58)	$ 4,004.60	$ (4,512.93)

ASSETS	Jul-Sept 98 Balance	Oct-Dec98 Balance	Jan-Mar 99 Balance	Apr-Jun 99 Balance	7/1--7/11/99 Balance	Average Balances
SERA Account	$ 7,289.50	$ 4,104.24	$ 4,610.62	$ 4,004.60	$ 4,610.62	$ 5,002.24
SERA Transfer Account	$ 2,128.15	$ 3,176.15	$ 5,060.00	$ -	$ -	$ 2,591.08
SERA's Savings Accou	$ 20,683.45	$ 20,961.37	$ 22,182.93	$ 22,182.93	$ 22,182.93	$ 21,502.67
SERA's Savings CD				$ 14,000.00	$ 14,000.00	$ 14,000.00
TOTAL ASSETS	$ 30,101.10	$ 28,241.76	$ 31,853.55	$ 40,187.53	$ 40,793.55	$ 32,595.99

News from the Southern Appalachian Wireless Society

-by Eddie, KB4UCE < kb4uce@qsl.net >

Emergency Coordinator of Mingo County, Mark Miller (KB8KDR) and ARES group were very saddened to hear of the loss of our W.V. State SEC, George Puzzuole (K8QEW). George passed away after battling an illness. He served in the ARES program for 21 years and loved the hobby very much. He will be missed by all.

SAWS was also saddened by three more of our fellow Hams. Gary (AA4YT) and Kathryn (KC4HUU) Richie, were both killed in a motor vehicle accident. Many in Southern W.V. and Eastern Ky. knew Gary by his nickname, Lynel. He was very active in the VE program and a plus in the hobby. We were also sadden by the loss of one of our new Hams, (KC8LET) Tresa Kirk. It is always sad when we loose part of our radio family. They will always have a place in our heart.

In April, the ARES team and Weather Spotters were busy relaying storm info to the National Weather Service. We thank them for their work and we have all those in other states in our prayers, we know that the storm damage took many lives and homes.

The month of May found the SAWS busy at work. We thank the local FM Radio Station Coal Country (96.5) and V107 for giving us airtime to discuss Amateur Radio. Also like to thank the Williamson Daily News, they have all been very supportive of our hobby and what we are trying to do.

May also found the SAWS sponsoring a weather spotter's class. We would like to thank Charleston Weather Service and all those who attended the class, including Hams, Fire Dept., 911 and children. We feel that this training will be a plus to our ARES group.

The month ended with the Nightly Talk-around Net dedicating itself to Memorial Day, recognizing all those who gave their life for our country and also family and friends that we had to say goodbye to.

We ended the month of June with the last Field Day of the century. With nearly eighty in attendance and proclamations signed by Mingo County and by the Governor of West Virginia declaring Amateur Radio week we knew that Field Day was going to be a blast. We started off the activities with our award presentation. Many awards were given. Some awards on the funny side and some a little more serious. Among the top awards was Amateur of the Year which was shared by two deserving Hams, Mark Miller (KB8KDR) and Jess Williams (AA8XE). Also recognized was Lyle Endicott (KB8TKK) for his great service to the Nightly Talk-Around Net. Lyle was chosen Net Control of the Year. Eddie Tussey (KB4UCE) was honored with the Web Master Award. We thank him for the fantastic work he does with our website. Ab Starr (N8IBK) was presented the Outstanding Service Award for his dedication to the SAWS and Amateur Radio. The SAWS would like to thank Jerry Chafins (N8GOE), Ab Starr (N8IBK), Stan Hatfield (KT8J), Donna Matthews (KB8KYM), Eddie Jr. and all the others for their outstanding effort for making Field Day a fun event for all. And thanks to all that came by and special thanks to George (KF4WHR) and The HillJerks for traveling so far to be with us. Hope to see everyone next year.

The third annual SAWS Picnic will be held in September, check for date and time, come and be with us.

The SAWS invites everyone in the listening area of the 145.330 repeater in Mingo County, W.V. to come by and check into The Nightly Talk-Around Net each night at 9:00 P.M. We also invite you to check us out on the Web at www.qsl.net/saws/

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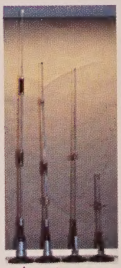

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DR-605T, DR-605TQ (CTCSS decode) 2m/440 Mobile/Base

Value Leader! 50 watts VHF/35 watts UHF, 51 memories/band, 430 ~ 4449.995 MHz range allows for satellite work, internal duplexer, 9600 packet port.

DR-610T, DR-610TQ (CTCSS decode) 2m/440 Mobile/Base

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